Task 210 - Subsurface Site Investigation
642 New Park Avenue
West Hartford, Connecticut
State Project #171-0305

Submitted to:
Connecticut Department of Transportation

February 11, 2008

TETRA TECH RIZZO

February 11, 2008

Mr. Gregory Dorosh
Principal Engineer
Environmental Compliance Section
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Connecticut Department of Transportation
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Attention: Ms. Judith Nemecek/ Ms. Amie Maines

Re: Task 210 Subsurface Site Investigation
642 New Park Avenue
West Hartford, Connecticut
State Project #171-0305
Assignment Number 403-3526

Dear Mr. Dorosh:

Tetra Tech Rizzo, Inc. is pleased to submit this report summarizing the conduct and findings of the Task 210 - Subsurface Site Investigation conducted on the property located at 642 New Park Avenue in West Hartford, Connecticut (the Site). This report was prepared to further evaluate the Site for evidence of a release of oil or hazardous materials as defined by Connecticut General Statutes (CGS) Section 22a-134.

The investigation activities were completed to assess environmental concerns that were presented in the Task 120 Subsurface Site Investigation Work Plan prepared by Maguire Group Inc. dated May 31, 2007. This investigation included the advancement of soil borings, and the collection and analysis of soil samples.

The results and recommendations are presented in the attached report. We appreciate the opportunity to provide these services to you. Please contact us if you have any questions concerning this report.

Very truly yours,

David P. Brassard, PE, LEP
Project Manager

John E. Adams, LEP, LSP
Senior Vice President

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1.0 Introduction

On behalf of the Connecticut Department of Transportation (CTDOT), Tetra Tech Rizzo (Tetra Tech) has conducted this study to investigate the property located at 642 New Park Avenue in West Hartford, Connecticut (Site) for evidence of potential contamination of the soil or groundwater with oil or hazardous materials as defined by the Connecticut General Statues (CGS) Section 22a-134. This study was conducted by the following Tetra Tech Rizzo (Tetra Tech) personnel: David P. Brassard, PE, LEP and Patrick S. de Paula at the request of the Connecticut Department of Transportation (CTDOT). This investigation was conducted between October 23 and 24 of 2007.

CT DOT is proposing to construct a dedicated transit bus roadway between the cities of New Britain and Hartford, Connecticut. The 9.4-mile busway corridor will be constructed along an abandoned rail line in the southern portion of the project area and is adjacent to an active Amtrak railway in the northern portion of the project area. According to the current design plans, the anticipated construction activities will involve the acquisition of this Site.

The object of this investigation was to conduct a site investigation that would characterize soil at the Site and investigate certain areas of concern that may pose a risk to the environment and evaluate the site in accordance with state regulations. Soil analytical data collected during the investigation will be compared to the criteria prescribed in the Connecticut Remediation Standard Regulations (Regulations of the Connecticut State Agencies Sections 22a-133k-1 through 3 and 22a-133q-1) (RSR). A Site location map is presented as **Figure 1**.

Abbreviations used in this report are as follows:

µg/kg	Micrograms per kilogram (equivalent to parts per billion)
µg/L	Micrograms per liter (equivalent to parts per billion)
CT DEP	Connecticut Department of Environmental Protection
CT DOT	Connecticut Department of Transportation
DEC	Direct Exposure Criteria
ETPH	Extractable Total Petroleum Hydrocarbons
GWPC	Groundwater Protection Criteria
mg/kg	Milligrams per kilogram (equivalent to parts per million)
mg/L	Milligrams per liter (equivalent to parts per million)
PID	Photoionization detector
PMC	Pollutant Mobility Criteria
PVC	Polyvinyl chloride
RCRA	Resource Conservation and Recovery Act
RSR	Remediation Standard Regulations
SVOC	Semi-Volatile Organic Compound
SWPC	Surface Water Protection Criteria
VC	Volatilization Criteria
VOCs	Volatile organic compounds

1.1 Site Description

The Site is located within a commercial/industrial area of West Hartford and is considered an "establishment" per the Property Transfer Act (CGS section 22a-134 to 134d). The onsite building consists of an approximately 2,142 square foot one-story service garage constructed in 1949. The building has been occupied by one or more automotive repair service business, including an auto body business, and most recently occupied by Valvoline Instant Oil Change. The Site appears to maintain a gentle downward slope to the north. A plan depicting the Site is presented as **Figure 2**.

The Site abuts a Monro Muffler and Brake shop to the north, Conrail Railroad tracks to the east, New Park Avenue to the west, and Mr. Auto Wash car wash and gasoline service station to the south. A number of areas of concern (AOCs) have been identified for the Site, including four automotive maintenance services bays, former below grade hydraulic lifts, virgin and waste oil ASTs, former auto body shop and used car dealership (site-wide), and potential off-site, upgradient sources.

Groundwater in the Site area is classified by the CT DEP as GB, indicating that the groundwater may not be suitable for direct human consumption due to waste discharges, spills or leaks of chemicals, or land use impacts and is inferred to flow to the north-northeast.

1.2 Limitations

This report is subject to the limitations outlined in **Appendix A**. This study and report have been prepared on behalf of and for the exclusive use of the CT DOT for use in an environmental evaluation of the Site. This report and the findings contained herein shall not, in whole or in part, be disseminated or conveyed to any other party, nor used by any other party in whole or in part, without the prior written consent of Tetra Tech Rizzo. However, Tetra Tech Rizzo acknowledges and agrees that, subject to the terms and conditions of our contract, the report may be conveyed to the client's attorney, lender, title insurer, regulatory agencies, and current owner of the Site by our client. Tetra Tech Rizzo would be pleased to discuss the conditions of dissemination of the report to additional parties associated with the transaction.

2.0 Summary of Previous Environmental Site Assessments

A Task 120 Preliminary Site Evaluation was prepared by Maguire Group Inc. in May, 2007. The Task 120 evaluated the Site and abutting property identified as 632 New Park Avenue. The report identified two Form I Negative Declaration property transfer forms that were filed for the Site in 1987 and 1988 that were found in CT DEP files. However, no apparent investigation of the Site was conducted to substantiate the Form I filling. The report concluded the Site is considered an "Establish" as defined by the Connecticut Transfer Act, based on the Site housing West Side Auto Body in the mid-1980s. The Site was considered to be a high environmental risk and a Task 210 investigation was recommended.

2.1 Potential On-Site Contamination Sources

Since its construction in 1949, the Site building has been occupied by one or more automotive repair service business, including an auto body business, and most recently occupied by Valvoline Instant Oil Change. Site visits observed oil staining and cracks in the concrete floor along with concrete patch marks within the bays were it would appear the underground hydraulic lifts once existed.

2.2 Potential Off-Site Contamination Sources

The property is located in a commercial/industrial area of West Hartford. An active rail line exists along the eastern property line. Adjacent property occupants include a muffler shop and an auto car wash. An onsite septic system and a UST were noted on the muffler shop site and pump dispensers and underground storage tanks exist on the auto car wash property. A Task 210 completed on the abutting Monro Muffler property identified elevated concentrations of extractable total petroleum hydrocarbons (ETPH), polycyclic aromatic hydrocarbons (PAHs), lead, and arsenic in soils.

3.0 Local Environmental Receptors

3.1 Groundwater

The CT DEP's "Environmental GIS Data for Connecticut" depicts the groundwater classification for the site as "GB". The "GB" groundwater classification indicates that the groundwater is not suitable for consumption due to waste discharges, spills or leaks of chemicals or land use impacts, and a public water supply is available.

Based on the site topography, it is inferred that groundwater would flow in a northerly to northeasterly direction towards Trout Brook.

3.2 Surface Water

The project area is located within the Trout Brook Basin which is within the Park Regional Basin and the Connecticut Major Drainage Basin. There is no surface water bodies located on the property. Trout Brook is located adjacent to the north side of 634 New Park Avenue. Trout Brook is a class "B/A" surface water body which indicates that it does not meet Class "A" surface water criteria. The goal is to restore the surface water quality to Class "A" standards.

3.3 Surficial Geology

The CTDEP's "Environmental GIS Data for Connecticut " indicates that the soils in the northern portion of the project area are stacked deposits consisting of Alluvium overlying Fines.

3.4 Bedrock Geology

The Bedrock Geological Map of Connecticut, compile by John Rodgers in 1985, indicates that the bedrock unit underlying the project area is the Portland Arkose, which is a red-brown arkosic sandstone.

4.0 Applicable RSR Criteria Overview

4.1 Soils

Based on the Connecticut Remediation Standard Regulations (Regulations of the Connecticut State Agencies Section 22a-133k-1 through 3 and 22a-133q-1) (RSRs), soils at a potential release area are in compliance if soils meet (A) the default Direct Exposure Criteria (DEC) or an alternative DEC and (B) the default Pollutant Mobility Criteria (PMC) or an alternative PMC.

4.1.1 Direct Exposure Criteria

The Direct exposure criteria are risk-based criteria that were established to identify the concentrations of contaminants that would not represent a significant risk to humans if exposed to the soil by direct contact or ingestion. Based on the varying exposure potentials, two types of soil criteria are considered for direct exposure: industrial/commercial and residential. For application of DEC, all sites must meet the residential DEC, unless an Environmental Land Use Restriction (ELUR) prohibiting residential use of the parcel is recorded on the land records

4.1.2 Pollutant Mobility Criteria

The Pollutant Mobility Criteria (PMC) was established to identify the potential risk to groundwater represented by contaminants leaching from soil located above the water table. The PMC differs depending upon the groundwater classification of the area (GA versus GB). The groundwater classification for the subject site is GB. Therefore, the Site must comply with the GB PMC.

5.0 Scope of Investigation

Site activities were conducted between October 23, 2007 and October 24, 2007 to address contamination at the site. Work was conducted at night after business hours so as not to interfere with site businesses activities. This was done at the request of the current business owner. The proposed scope of activities for the investigation included the following:

- Advancement of soil borings around the parking area of the Site and building perimeter.
- Collection and submission of soil samples collected from the soil borings for analysis of contaminants of concern.

5.1 Rationale for Work Scope

The rationale and scope of work is presented in the following sections.

The investigation included the advancement of up to sixteen (16) soil borings across the site and along the perimeter of the building. Previous site activities that included an auto body shop would indicate that damaged vehicles were parked across the site that may have leaked fluids. Access into the building was not granted by the current business occupant and owner so soils beneath the on grade slab could not be investigated. In an attempt to approximate conditions beneath the building, soil borings were placed around the perimeter. Groundwater was not encountered in the soil borings; therefore, groundwater samples were not collected.

Soil samples collected are to be analyzed using the following analysis:

- Volatile Organic Compounds (VOCs) – EPA Method 8260-5035;
- Extractable Total Petroleum Hydrocarbons (ETPH) – Connecticut Method;
- Polycyclic Aromatic Hydrocarbons (PAHs) – EPA Method 8270 (up to six select soil samples will be analyzed);
- RCRA 8 Metals – Total Method;
- RCRA 8 Metals – SPLP Method (Based on totals analyses);
- PCBs – EPA Methods 8080 (up to six select soil samples will be analyzed)

5.2 Pre-Drilling Activities

The following activities were completed prior to initiating intrusive investigation activities on the Site.

5.3 Location of Subsurface Utilities

Call Before You Dig (CBYD), the utility marking service, was contacted on August 16 and October 17, 2007 to locate underground utilities. Utilities contacted by CBYD include Connecticut Light and Power, Connecticut Natural Gas, CT DOT Level 3 Communications, On-Target Locating SVC, Town of West Hartford, SBC Communications, and The Metropolitan District. The CBYD numbers are 20073302410 and 20074202126. The start date of August 16, 2007 was given.

5.4 Soil Boring Advancement

A total of sixteen (16) soil borings were advanced across the Site. The driller at the Site for the soil borings was Logical Environmental Solutions, LLC of Tolland, Connecticut. Work was performed on October 23, 2007 and October 24, 2007, after business hours, under the supervision of Tetra Tech personnel. Boring locations are shown on **Figure 2.** The identification and location of each of the borings are presented below.

- Soil borings RSB-1 – RSB-11 were advanced across the paved parking lot.

- Soil borings RSB-12 – RSB-16 were advanced around the perimeter of the Site building.

The borings were advanced using a Geoprobe® drilling rig. The Geoprobe method typically produces less soil cuttings than the traditional rotary drilling and hollow stem auger rig and is quicker and more maneuverable in tight areas. The Geoprobe® utilizes 4-foot long, 2-inch diameter macro core samplers with dedicated acetate liners to collect soil samples. Soil samples are collected continuously from each boring.

Borings were extended to a maximum depth of between 10 feet and 12 feet below grade. Soil samples were continuously collected from the surface to the bottom of the boring using 4 foot- 1 inch diameter polyethylene sleeves. Soil samples were observed and screened in the field using a PID every two feet. Boring logs describing the soil conditions encountered in each boring are included in **Appendix C**.

Groundwater was not encountered in the borings.

5.5 Soil Sampling and Field Screening

A portion of each sample was immediately placed in a sealed glass jar, filling approximately two-thirds of the jar. The headspaces over the soil samples were developed by agitation and screened in the field for the presence of VOCs using a PID. Procedures used in the field to screen soil sample headspaces for the presence of VOCs are attached to this report as **Appendix B**.

The PID was calibrated prior to use with an isobutylene standard to produce responses for total VOCs as benzene. The PID can detect the presence of VOCs with ionization potentials of less than 10.6 electron volts when those compounds are present in the headspace over the sample being screened. Responses are displayed in digital form in ppm (as benzene). Most priority pollutant VOCs are ionized at this potential and can be detected, although with varying sensitivities.

The soil samples were collected in the appropriate glass containers, stored in ice, and transported via laboratory courier to Spectrum Analytical Inc. in Agawam, Massachusetts for analysis. A copy of the Laboratory Certificates of Analysis and Chain-of-Custody is included in **Appendix D**.

Soils at the Site are comprised mostly of clay. Evidence of fill and non-native soils was observed in RSB-12 and RSB-12A. Refusal was encountered in RSB-12 around 5.5-feet below grade. Staining and petroleum odors were observed in RSB-4, RSB-12, and RSB-12A. For more details see the boring logs in **Appendix C**.

All soil samples submitted were analyzed for ETPH by the Connecticut Method, total RCRA 8 metals, and VOCs by EPA Method 8260. Selected samples were analyzed for SVOCs by EPA method 8270 and PCBs, soil samples were selected for additional analysis based on the chemical of concern for an area of concern. RSB-16 (2-4), RSB-12A (4-8), and RSB-4 (0-2) were also analyzed for total lead and barium by the SPLP method.

5.6 Results of Soil Sampling Analyses

Twenty-two soil samples were submitted during the investigation. Samples were selected based primarily on PID levels and aerial and depth location. The samples are identified by the boring location and depth. The samples submitted were: RSB-1 (0-4), RSB-2 (0-4), RSB-2 (4-8), RSB-4 (0-2), RSB-4 (2-4), RSB-4 (4-8), RSB-4 (8-12), RSB-5 (0-4), RSB-6 (2-4), RSB-7 (0-2), RSB-8 (0-4), RSB-9 (0-2), RSB-10 (2-4), RSB-11 (0-2), RSB-12 (4-8), RSB-12A (4-8), RSB-13 (0-2), RSB-14 (2-4), RSB-14 (6-8), RSB-15 (2-4), RSB-16 (0-2), and RSB-16 (2-4).

Copies of the Laboratory Certificates of Analysis and Chain of Custody are included in **Appendix D. Table 1** summarizes laboratory analysis results for soil samples. The results are summarized below:

Detectable concentrations of VOCs that included sec-butylbenzene, methyl tert-butyl ether, naphthalene, o-xylene, and tert-amyl methyl ether were noted in ten soil samples. The concentrations were noted to be below the residential Direct Exposure Criteria (RES DEC) and the GB Groundwater Pollutant Mobility Criteria (GB PMC). Acetone was noted but was determined to be a laboratory contaminant.

ETPH results were above the laboratory detection limits in eight (8) of the samples submitted. Detectable concentrations ranged from 61.9 mg/kg (RSB-4 (2-4)) to 2100 mg/kg (RSB-16 (2-4)). The concentrations are below the applicable I/C DEC and GB PMC. However, the concentrations in soil samples RSB-12 (4-8), RSB-16 (0-2) and RSB-16 (2-4) are above the residential DEC of 500 mg/kg. Through the ETPH analysis, the laboratory indicated that the hydrocarbons in the samples from RSB-12A are similar to motor oil and the hydrocarbons in the sample from RSB-4 to be similar to #2 fuel oil.

RCRA 8 metals were detected above the laboratory detection in all the samples analyzed. Metals detected included silver, arsenic, barium, cadmium, chromium, lead, and mercury. The results are all below the applicable RSR's. Additionally, RSB-16 (2-4), RSB-12A (4-8), and RSB-4 (0-2) were analyzed for total lead and barium by the SPLP method. SPLP lead and barium results are both below the respective SPLP GB PMC of 0.15 mg/L and 10 mg/L.

Twelve of the twenty-two samples were analyzed for SVOCs. Results of one of the twelve samples were above laboratory detection limits. Bis(2-ethylhexyl)phthalate was detected in RSB-14 (2-4) at the concentration of 652 µg/kg which is below the applicable RSRs.

Ten soil samples were analyzed for PCBs. The results were all below the laboratory detection limits.

6.0 Conclusions

Environmental Investigation

This Task 210 – Subsurface Site Investigation was conducted between October 23-24, 2007. This report was prepared to evaluate the Site for evidence of hazardous materials or hazardous

substances within the meaning of CGS Section 22a-448. All Site activities were conducted in accordance with the CT DEP's RSRs.

Detectable levels of ETPH exist near and around the Site building. Laboratory soil analytical results indicate that soil samples from two soil borings have total petroleum hydrocarbons concentrations that exceeded the residential direct exposure criteria Soil samples collected between 0-2 feet and 2-4 feet outside the northeastern most bay and the soil sample collected between 4-8 feet along the northeast side of the building exceeded the residential direct exposure criteria.

Access into the building was not granted and therefore investigation of soils beneath the building could not be conducted. Based on observations during former site visits, the existing condition of the concrete floor and the presence of former underground hydraulic lifts, there is a high risk that soils beneath the concrete slab have been impacted.

7.0 Recommendations

The results of the Task 210 – Subsurface Site Investigation for 642 New Park Avenue indicated the presence of petroleum hydrocarbons in the soil that exceeded applicable RSR criteria. Two areas of concern (AOEC) with the remainder of the site being a low level area of concern (LLAOEC) have been identified.

Special consideration for treatment/disposal and worker health and safety must be given to these areas in order to ensure compliance with all local State and Federal laws. Tetra Tech Rizzo (Tetra Tech) recommends that a Task 310 Plans, Specifications and Estimates be developed for the projects Contract Bid Documents. Also, a Notice to Contractor be prepared and issued for commencement of the proposed project.

Table 1
Laboratory Analysis for Soil
642 New Park Avenue
West Hartford, Connecticut

Conn Depth Interval (feet) Laboratory I.D. Sample Date	Connecticut Remediation Standard Regulations Criteria			RSB-1 0-4 SA70198-01 23-Oct-07	RSB-2 0-4 SA70198-02 23-Oct-07	RSB-2 4-8 SA70198-03 23-Oct-07	RSB-4 0-2 SA70198-04 23-Oct-07	RSB-4 2-4 SA70198-05 23-Oct-07
	GB PMC	RES DEC	I/C DEC					
TPH (ETPH Method) (mg/kg)								
Total Petroleum Hydrocarbons	2,500	500	2,500	<35.9	<36.7	<36.9	208	61.9
Volatile Organic Compounds (VOCs) (mg/kg)								
Acetone	140,000	500,000	1,000,000	<77.3	<87.9	<86.2	104	<83.8
sec-Butylbenzene	14,000	500,000	1,000,000	<7.7	<8.8	<8.6	<6.3	12.5
Methyl tert-butyl ether	20,000	500,000	1,000,000	173	<8.8	71.4	<6.3	<8.4
Naphthalene	56,000	10,000,000	2,500,000	<7.7	<8.8	<8.6	<6.3	<8.4
o-Xylene	195,000	500,000	1,000,000	<7.7	<8.8	<8.6	<6.3	<8.4
Tert-amyl methyl ether	NE	NE	NE	19	<8.8	12.2	<6.3	<8.4
Inorganic Substances (totals) (mg/kg)								
Arsenic	-----	10	10	6.68	7.43	7.39	7.59	7.56
Barium	-----	4,700	140,000	281	284	270	246	243
Cadmium	-----	34	1,000	<0.561	<0.653	<0.677	<0.570	<0.566
Chromium (total)	-----	NE	NE	44.5	47.2	45.5	41.9	42.7
Lead	-----	400	1,000	11.3	11.5	10.7	53.5	10.3
Mercury	-----	20	610	<0.0356	<0.0397	<0.0398	0.0391	<0.0382
Selenium	-----	340	10,000	<1.68	<1.96	<2.03	<1.71	<1.70
Silver	-----	340	10,000	3.75	5.46	4.64	4.35	4.34
Inorganic Substances (SPLP) (mg/l)								
Barium	10	-----	-----	NA	NA	NA	0.0699	NA
Lead	0.15	-----	-----	NA	NA	NA	0.0184	NA
PCBs (µg/kg dry)								
Total PCBs	-----	-----	-----	ND	ND	NA	ND	NA
SVOCs (µg/kg dry)								
Bis(2-ethylhexyl)phthalate	11,000	44,000	410,000	<323	<362	NA	<297	NA

Abbreviations:
Res DEC = Residential Direct Exposure Criteria
I/C DEC = Industrial/Commercial Direct Exposure C
GB PMC = Polutant Mobility Criteria for a GB groundwater designation
< or ND = Concentration less than the laboratory detection limits
NE = Not established
ug/kg = Parts per billion (ppb)
mg/l = Parts per million (ppm)
# = criteria based on detection limits
NA = Not available i.e. not tested for this criteria
----- = criteria not relative to analysis
SPLP = Synthetic Precipitation Leaching Procedure
* = PMC criteria (mg/l) for inorganics based on analyses by TCLP or SPLP methods
Notes:
1. Compounds shown when detected in at least one sample
2. **Bold** concentrations indicate concentration above applicable RSRs

Table 1
Laboratory Analysis for Soil
642 New Park Avenue
West Hartford, Connecticut

Conn Depth Interval (feet) Laboratory I.D. Sample Date	Connecticut Remediation Standard Regulations Criteria			RSB-4 4-8 SA70198-06 23-Oct-07	RSB-4 8-12 SA70198-07 23-Oct-07	RSB-5 0-4 SA70198-08 23-Oct-07	RSB-6 2-4 SA70198-09 23-Oct-07	RSB-7 0-2 SA70198-10 23-Oct-07
	GB PMC	RES DEC	I/C DEC					
TPH (ETPH Method) (mg/kg)								
Total Petroleum Hydrocarbons	2,500	500	2,500	87.3	72	<34.8	<38.8	<34.7
Volatile Organic Compounds (VOCs) (mg/kg)								
Acetone	140,000	500,000	1,000,000	<71.7	<75.6	<63.9	<96.5	111
sec-Butylbenzene	14,000	500,000	1,000,000	<7.2	<7.6	<6.4	<9.7	<7.7
Methyl tert-butyl ether	20,000	500,000	1,000,000	<7.2	<7.6	<6.4	<9.7	<7.7
Naphthalene	56,000	10,000,000	2,500,000	<7.2	<7.6	<6.4	<9.7	<7.7
o-Xylene	195,000	500,000	1,000,000	<7.2	<7.6	<6.4	<9.7	<7.7
Tert-amyl methyl ether	NE	NE	NE	<7.2	<7.6	<6.4	<9.7	<7.7
Inorganic Substances (totals) (mg/kg)								
Arsenic	-----	10	10	7.3	6.49	6.16	7.82	6.96
Barium	-----	4,700	140,000	298	257	177	255	268
Cadmium	-----	34	1,000	<0.648	<0.572	<0.584	<0.658	<0.576
Chromium (total)	-----	NE	NE	57	44.9	32.4	46.4	41.8
Lead	-----	400	1,000	11.7	10.8	42.1	11.6	25.7
Mercury	-----	20	610	<0.0368	<0.0348	0.063	<0.0422	0.05
Selenium	-----	340	10,000	<1.95	<1.71	<1.75	<1.98	<1.73
Silver	-----	340	10,000	4.99	4.81	2.79	3.87	3.83
Inorganic Substances (SPLP) (mg/l)								
Barium	10	-----	-----	NA	NA	NA	NA	NA
Lead	0.15	-----	-----	NA	NA	NA	NA	NA
PCBs (µg/kg dry)								
Total PCBs	-----	-----	-----	NA	NA	ND	NA	NA
SVOCs (µg/kg dry)								
Bis(2-ethylhexyl)phthalate	11,000	44,000	410,000	NA	NA	<315	NA	NA

Abbreviations:
Res DEC = Residential Direct Exposure Criteria
I/C DEC = Industrial/Commercial Direct Exposure C
GB PMC = Polutant Mobility Criteria for a GB groundwater designation
< or ND = Concentration less than the laboratory detection limits
NE = Not established
ug/kg = Parts per billion (ppb)
mg/l = Parts per million (ppm)
# = criteria based on detection limits
NA = Not available i.e. not tested for this criteria
----- = criteria not relative to analysis
SPLP = Synthetic Precipitation Leaching Procedure
* = PMC criteria (mg/l) for inorganics based on analyses by TCLP or SPLP methods

Notes:
1. Compounds shown when detected in at least one sample
2. **Bold** concentrations indicate concentration above applicable RSRs

Table 1
Laboratory Analysis for Soil
642 New Park Avenue
West Hartford, Connecticut

Conn Depth Interval (feet) Laboratory I.D. Sample Date	Connecticut Remediation Standard Regulations Criteria			RSB-8 0-4 SA70198-11 23-Oct-07	RSB-9 0-2 SA70198-12 23-Oct-07	RSB-10 2-4 SA70198-13 23-Oct-07	RSB-11 0-2 SA70198-14 23-Oct-07	RSB-12 4-8 SA70198-15 24-Oct-07
	GB PMC	RES DEC	I/C DEC					
TPH (ETPH Method) (mg/kg)								
Total Petroleum Hydrocarbons	2,500	500	2,500	<34.5	<37.0	<35.0	<33.5	**621**
Volatile Organic Compounds (VOCs) (mg/kg)								
Acetone	140,000	500,000	1,000,000	<67.1	<82.8	<68.0	<78.4	<80.4
sec-Butylbenzene	14,000	500,000	1,000,000	<6.7	<8.3	<6.8	<7.8	<8.0
Methyl tert-butyl ether	20,000	500,000	1,000,000	<6.7	<8.3	<6.8	<7.8	<8.0
Naphthalene	56,000	10,000,000	2,500,000	<6.7	<8.3	<6.8	<7.8	12.3
o-Xylene	195,000	500,000	1,000,000	<6.7	<8.3	<6.8	<7.8	<8.0
Tert-amyl methyl ether	NE	NE	NE	<6.7	<8.3	<6.8	<7.8	<8.0
Inorganic Substances (totals) (mg/kg)								
Arsenic	-----	10	10	6.55	8.86	6.81	6.45	3.58
Barium	-----	4,700	140,000	243	288	262	220	253
Cadmium	-----	34	1,000	<0.628	<0.576	<0.568	<0.623	0.654
Chromium (total)	-----	NE	NE	43.8	38.3	43.5	37.1	29.5
Lead	-----	400	1,000	10.4	14.6	10.3	10.2	40.9
Mercury	-----	20	610	<0.0369	<0.0366	<0.0350	<0.0340	<0.0342
Selenium	-----	340	10,000	<1.88	<1.73	<1.70	<1.87	<1.83
Silver	-----	340	10,000	3.69	3.33	3.88	3.33	2.15
Inorganic Substances (SPLP) (mg/l)								
Barium	10	-----	-----	NA	NA	NA	NA	NA
Lead	0.15	-----	-----	NA	NA	NA	NA	NA
PCBs (µg/kg dry)								
Total PCBs	-----	-----	-----	ND	NA	NA	NA	ND
SVOCs (µg/kg dry)								
Bis(2-ethylhexyl)phthalate	11,000	44,000	410,000	<286	<267	<351	NA	<302

Abbreviations:
Res DEC = Residential Direct Exposure Criteria
I/C DEC = Industrial/Commercial Direct Exposure C
GB PMC = Polutant Mobility Criteria for a GB groundwater designation
< or ND = Concentration less than the laboratory detection limits
NE = Not established
ug/kg = Parts per billion (ppb)
mg/l = Parts per million (ppm)
# = criteria based on detection limits
NA = Not available i.e. not tested for this criteria
----- = criteria not relative to analysis
SPLP = Synthetic Precipitation Leaching Procedure
* = PMC criteria (mg/l) for inorganics based on analyses by TCLP or SPLP methods
Notes:
1. Compounds shown when detected in at least one sample
2. **Bold** concentrations indicate concentration above applicable RSRs

Table 1
Laboratory Analysis for Soil
642 New Park Avenue
West Hartford, Connecticut

Conn Depth Interval (feet) Laboratory I.D. Sample Date	Connecticut Remediation Standard Regulations Criteria			RSB-12A 4-8 SA70198-16 24-Oct-07	RSB-13 0-2 SA70198-17 24-Oct-07	RSB-14 2-4 SA70198-18 24-Oct-07	RSB-14 6-8 SA70198-19 24-Oct-07	RSB-15 2-4 SA70198-20 24-Oct-07
	GB PMC	RES DEC	I/C DEC					
TPH (ETPH Method) (mg/kg)								
Total Petroleum Hydrocarbons	2,500	500	2,500	228	<39.5	<37.7	<39.4	<36.8
Volatile Organic Compounds (VOCs) (mg/kg)								
Acetone	140,000	500,000	1,000,000	<71.9	<87.7	<84.9	<102	<95.2
sec-Butylbenzene	14,000	500,000	1,000,000	<7.2	<8.8	<8.5	<10.2	<9.5
Methyl tert-butyl ether	20,000	500,000	1,000,000	<7.2	190	<8.5	<10.2	128
Naphthalene	56,000	10,000,000	2,500,000	8.7	<8.8	<8.5	<10.2	<9.5
o-Xylene	195,000	500,000	1,000,000	<7.2	<8.8	<8.5	<10.2	<9.5
Tert-amyl methyl ether	NE	NE	NE	<7.2	23.4	<8.5	<10.2	21.5
Inorganic Substances (totals) (mg/kg)								
Arsenic	-----	10	10	<37.8	4.14	7.64	7.45	7.48
Barium	-----	4,700	140,000	442	286	263	297	274
Cadmium	-----	34	1,000	5.25	0.802	<0.590	<0.711	<0.598
Chromium (total)	-----	NE	NE	87	49.1	50.7	51.4	48
Lead	-----	400	1,000	306	14.1	10.3	12.4	10.8
Mercury	-----	20	610	<0.0419	<0.0416	<0.0380	<0.0435	<0.0391
Selenium	-----	340	10,000	<2.52	<2.13	<1.77	<2.13	<1.79
Silver	-----	340	10,000	2.94	3.12	5.25	3.96	4.4
Inorganic Substances (SPLP) (mg/l)								
Barium	10	-----	-----	<0.0100	NA	NA	NA	NA
Lead	0.15	-----	-----	<0.0150	NA	NA	NA	NA
PCBs (µg/kg dry)								
Total PCBs	-----	-----	-----	NA	ND	ND	NA	NA
SVOCs (µg/kg dry)								
Bis(2-ethylhexyl)phthalate	11,000	44,000	410,000	NA	<280	652	NA	NA

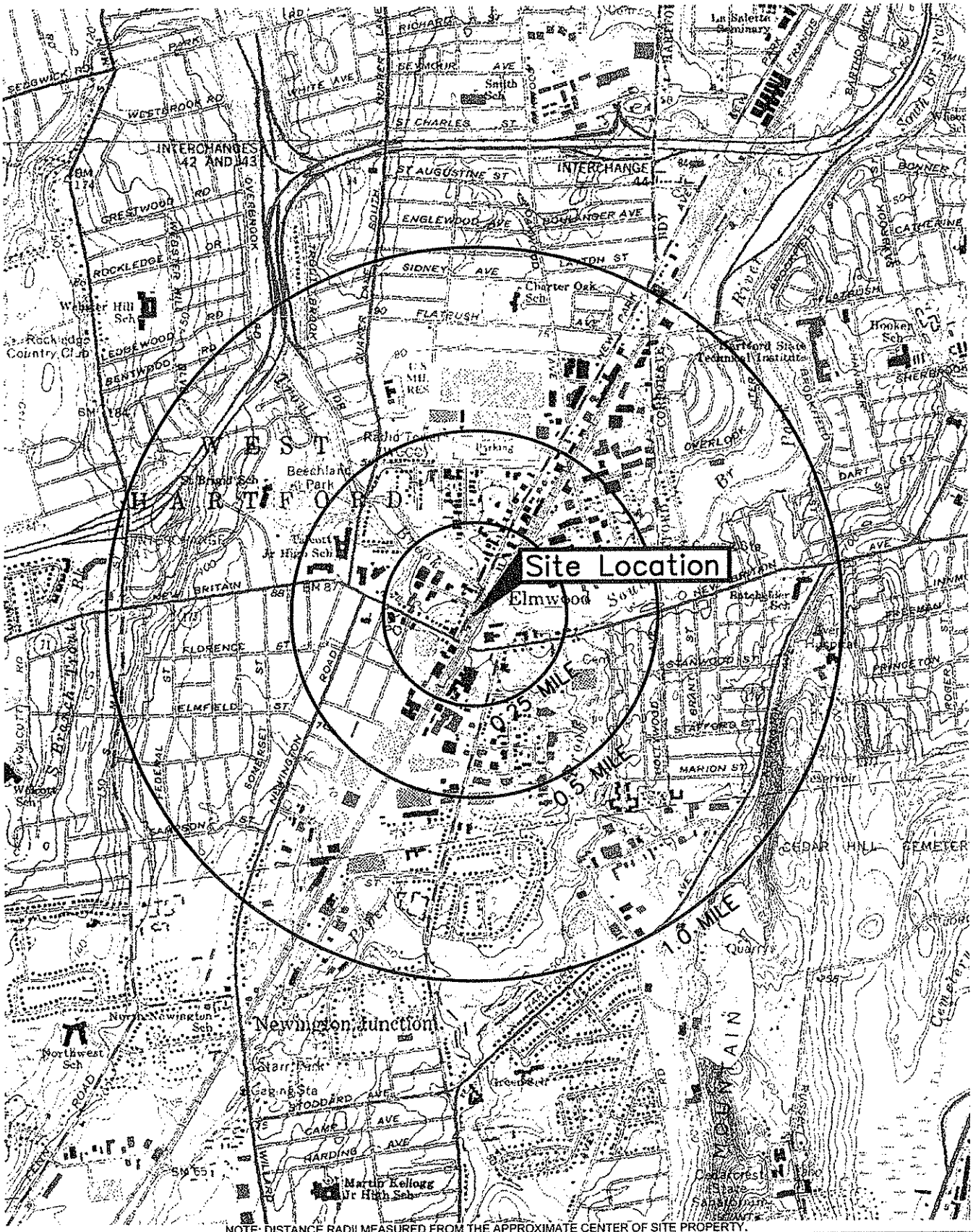
Abbreviations:
Res DEC = Residential Direct Exposure Criteria
I/C DEC = Industrial/Commercial Direct Exposure C
GB PMC = Polutant Mobility Criteria for a GB groundwater designation
< or ND = Concentration less than the laboratory detection limits
NE = Not established
ug/kg = Parts per billion (ppb)
mg/l = Parts per million (ppm)
# = criteria based on detection limits
NA = Not available i.e. not tested for this criteria
----- = criteria not relative to analysis
SPLP = Synthetic Precipitation Leaching Procedure
* = PMC criteria (mg/l) for inorganics based on analyses by TCLP or SPLP methods

Notes:
1. Compounds shown when detected in at least one sample
2. **Bold** concentrations indicate concentration above applicable RSRs

Table 1
Laboratory Analysis for Soil
642 New Park Avenue
West Hartford, Connecticut

Conn Depth Interval (feet) Laboratory I.D. Sample Date	Connecticut Remediation Standard Regulations Criteria			RSB-16 0-2 SA70198-21 24-Oct-07	RSB-16 2-4 SA70198-22 24-Oct-07
	GB PMC	RES DEC	I/C DEC		
TPH (ETPH Method) (mg/kg)					
Total Petroleum Hydrocarbons	2,500	500	2,500	**1790**	**2100**
Volatile Organic Compounds (VOCs) (mg/kg)					
Acetone	140,000	500,000	1,000,000	149	<96.8
sec-Butylbenzene	14,000	500,000	1,000,000	<7.8	<9.7
Methyl tert-butyl ether	20,000	500,000	1,000,000	<7.8	<9.7
Naphthalene	56,000	10,000,000	2,500,000	8.6	<9.7
o-Xylene	195,000	500,000	1,000,000	11.1	<9.7
Tert-amyl methyl ether	NE	NE	NE	<7.8	<9.7
Inorganic Substances (totals) (mg/kg)					
Arsenic	-----	10	10	6.83	6.4
Barium	-----	4,700	140,000	277	268
Cadmium	-----	34	1,000	0.791	<0.650
Chromium (total)	-----	NE	NE	46	44.3
Lead	-----	400	1,000	50	154
Mercury	-----	20	610	0.0696	0.0407
Selenium	-----	340	10,000	<1.84	<1.95
Silver	-----	340	10,000	4.78	4.99
Inorganic Substances (SPLP) (mg/l)					
Barium	10	-----	-----	NA	0.216
Lead	0.15	-----	-----	NA	<0.0150
PCBs (µg/kg dry)					
Total PCBs	-----	-----	-----	ND	ND
SVOCs (µg/kg dry)					
Bis(2-ethylhexyl)phthalate	11,000	44,000	410,000	<3030	<1680

Abbreviations:
Res DEC = Residential Direct Exposure Criteria
I/C DEC = Industrial/Commercial Direct Exposure C
GB PMC = Polutant Mobility Criteria for a GB groundwater designation
< or ND = Concentration less than the laboratory detection limits
NE = Not established
ug/kg = Parts per billion (ppb)
mg/l = Parts per million (ppm)
# = criteria based on detection limits
NA = Not available i.e. not tested for this criteria
----- = criteria not relative to analysis
SPLP = Synthetic Precipitation Leaching Procedure
* = PMC criteria (mg/l) for inorganics based on analyses by TCLP or SPLP methods
Notes:
1. Compounds shown when detected in at least one sample
2. **Bold** concentrations indicate concentration above applicable RSRs



NOTE: DISTANCE RADII MEASURED FROM THE APPROXIMATE CENTER OF SITE PROPERTY.

Project No. 12701187-210

CTDOT - Task 210
642 New Park Avenue
West Hartford, Connecticut

TETRA TECH RIZZO

0 2,000 Feet

Information obtained from
USGS Map of Hartford North Connecticut
Dated: 1964, Photorevised: 1992
USGS Map of Hartford South Connecticut
Dated: 1964, Photorevised: 1992

Figure 1

Site Locus Plan

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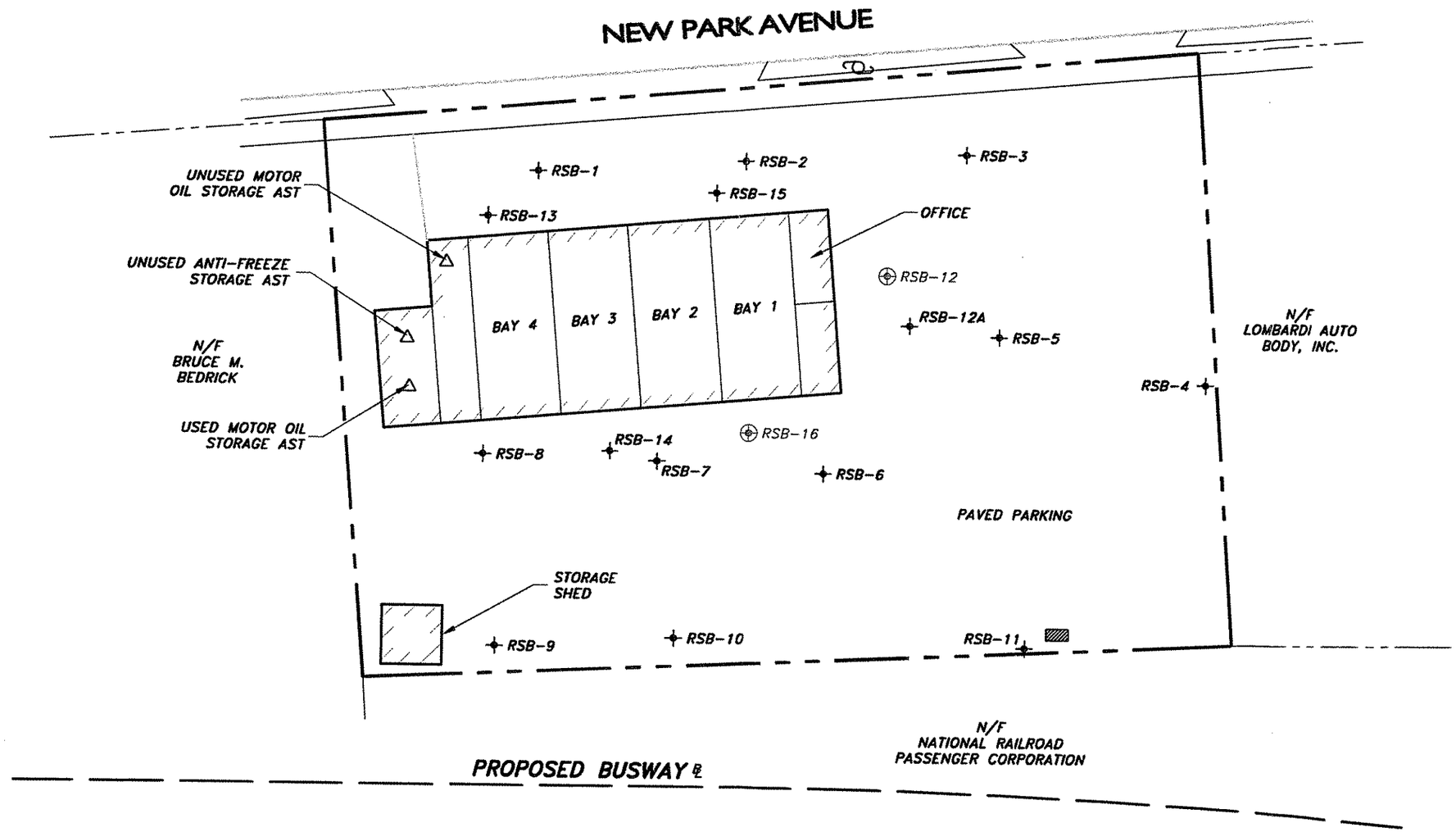
LEGEND

- APPROX. PROPERTY LINE
- UTILITY POLE
- DUMPSTER
- EXISTING AST LOCATION
- SOIL BORING LOCATION
- SOIL BORING LOCATION (SOIL SAMPLE EXCEEDANCES OF THE RSR'S)



NOTES:

1. ANALYTICAL DATA RESULTS PRESENTED IN TABLE 1.
2. ANALYTICAL RESULTS WERE COMPARED TO THE CONNECTICUT REMEDIATION STANDARDS (REGULATIONS OF THE CONNECTICUT STATE AGENCIES SECTION 22a-133K-1 THROUGH 3 AND 22a-133q-1) (RSR's).

TETRA TECH RIZZO
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Project Title
CTDOT
New Britain-Hartford Busway
642 New Park Avenue
West Hartford, CT

Sheet Title
Task 210
Site Plan with Sampling Locations

0 20
Scale In Feet

Job No.: 127011187-210
Date: 01/22/08
Sheet No. 2
File Name: 127011187-210P-ESP04

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Appendix A

Appendix A: Limitations

1. The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client. The work described in this report was carried out in accordance with the Terms and Conditions in our contract.

2. In preparing this report, Tetra Tech Rizzos has relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to Tetra Tech Rizzo at the time of the site assessment. Although there may have been some degree of overlap in the information provided by these various sources, Tetra Tech Rizzo did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment.

3. Observations were made of the Site and of structures on the Site as indicated within the report. Where access to portions of the Site or to structures on the Site was unavailable or limited, Tetra Tech Rizzo renders no opinion as to the presence of hazardous materials or oil, or to the presence of indirect evidence relating to hazardous material or oil, in that portion of the Site or structure. In addition, Tetra Tech Rizzo renders no opinion as to the presence of hazardous material or oil, or the presence of indirect evidence relating to hazardous material or oil, where direct observation of the interior walls, floor, or ceiling of a structure on a Site was obstructed by objects or coverings on or over these surfaces.

4. Tetra Tech Rizzo did not perform testing or analyses to determine the presence or concentration of asbestos at the Site or in the environment at the Site.

5. It is ENGINEER's understanding that the purpose of this report is to assess the physical characteristics of the subject Site with respect to the presence on the Site of hazardous material or oil. This stated purpose has been a significant factor in determining the scope and level of services provided for in the Agreement. Should the purpose for which the Report is to be used or the proposed use of the site(s) change, this Report is no longer valid and use of this Report by CLIENT or others without ENGINEER's review and written authorization shall be at the user's sole risk. Should ENGINEER be required to review the Report after its date of submission, ENGINEER shall be entitled to additional compensation at then existing rates or such other terms as agreed between ENGINEER and the CLIENT.

6. The conclusions and recommendations contained in this report are based in part, where noted, upon the data obtained from a limited number of soil samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

7. Any water level readings made in test pits, borings, and/or observation wells were made at the times and under the conditions stated on the report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

8. Except as noted within the text of the report, no quantitative laboratory testing was performed as part of the site assessment. Where such analyses have been conducted by an outside laboratory, Tetra Tech Rizzo has relied upon the data provided and has not conducted an independent evaluation of the reliability of these data.

9. The conclusions and recommendations contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. These data have been reviewed and interpretations made in the report. As indicated within the report, some of these data may be preliminary screening level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, these data should be reviewed, and the conclusions and recommendations presented herein modified accordingly.

10. Chemical analyses have been performed for specific constituents during the course of this site assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the Site.

11. This Report was prepared for the exclusive use of the CLIENT. No other party is entitled to rely on the conclusions, observations, specifications, or data contained therein without the express written consent of ENGINEER.

12. The observations and conclusions described in this Report are based solely on the Scope of Services provided pursuant to the Agreement. ENGINEER has not performed any additional observations, investigations, studies, or testing not specifically stated therein. ENGINEER shall not be liable for the existence of any condition, the discovery of which required the performance of services not authorized under the Agreement.

13. The passage of time may result in significant changes in technology, economic conditions, or site variations that would render the Report inaccurate. Accordingly, neither the CLIENT, nor any other party, shall rely on the information or conclusions contained in this Report after six months from its date of submission without the express written consent of ENGINEER. Reliance on the Report after such period of time shall be at the user's sole risk. Should ENGINEER be required to review the Report after six months from its date of submission, ENGINEER shall be entitled to additional compensation at then existing rates or such other terms as may be agreed upon between ENGINEER and the CLIENT.

14. ENGINEER has endeavored to perform its services based upon engineering practices accepted at the time they were performed. ENGINEER makes no other representations, express or implied, regarding the information, data, analysis, calculations, and conclusions contained herein.

15. The services provided by ENGINEER do not include legal advice. Legal counsel should be consulted regarding interpretation of applicable and relevant federal, state, and local statutes and regulations and other legal matters.

Appendix A: Firm Qualifications

Tetra Tech Rizzo company, is a leading engineering and environmental services firm. Our staff of over 150 includes civil engineers, planners, and environmental engineers and scientists who offer expertise in site/civil engineering, transportation planning and design, assessment, remediation and compliance, and natural resources. With our keen understanding of the environment's role on our clients' projects and over 20 years experience navigating the regulatory process, we have a knack for helping clients build consensus.

One aspect of our business, *assessment, remediation, and compliance,* includes four primary services that focus on environmental liability: site assessment, remedial design and implementation, regulatory compliance, and litigation support. By providing these services we help our clients identify, avoid, prevent and correct conditions that could cause environmental harm or conflict with environmental regulations.

The combination of our assessment and audit, remediation, and litigation support experience is essential to successful environmental problem solving. With this knowledge we provide clients with a certain level of confidence and tools to address the environmental issues they encounter. Tetra Tech Rizzo's hands-on experience includes the following.

- Routine site assessments and environmental audits throughout the country for industrial, commercial development, government, legal, and banking clients
- Soil gas surveys using state-of-the-art techniques, installation of soil borings and groundwater monitoring wells, and soil, sediment and groundwater sampling and analysis
- Complete remedial action projects using a range of technologies such as soil venting, vapor extraction, air stripping, air sparging, soil stabilization/solidification, and on-site low temperature thermal extraction.

Tetra Tech Rizzo is intimately familiar with the Massachusetts Contingency Plan (MCP) regulations. In fact, some of our staff have been active members of professional groups involved in drafting changes to the MCP and other pertinent regulations.

As Tetra Tech Rizzo is part of a family of companies totaling 7,000 associates in 250 offices worldwide with over 40 years of planning and design experience. As the 8th ranked engineering firm in Engineering News Record's 2004 Top 500 Design Firms, Tetra Tech provides a full range of engineering and design services. Tetra Tech is a leading provider of environmental management systems (EMS) and environmental services across the United States.

Tetra Tech Rizzo has an outstanding team of environmental engineers and scientists with a wealth of experience as demonstrated in the following brief resumes.

- **John E. Adams, L.S.P., L.E.P.** is a Senior Vice President and Regional Manager of Tetra Tech Rizzo's Hartford, Connecticut branch office with overall responsibility for the firm's Connecticut and western Massachusetts work for hazardous waste investigations through remediation. His experience includes implementation and supervision of field

investigation activities, such as chemical and hydrogeologic data collection and evaluation, and development and supervision of remediation programs for contaminated soil and groundwater. He has more than 26 years of relevant experience. Mr. Adams is a member of the State of Connecticut Board of Examiners of Environmental Professionals. Mr. Adams holds a B.S. in Biology and Geology from the University of Rochester (1978), an M.S. in Geology from the University of Rochester (1982) and an M.B.A. from the University of Connecticut. He is a registered Professional Geologist in Florida and North Carolina; a Licensed Site Professional in Massachusetts; a Licensed Environmental Professional in Connecticut and a member of the Association of Ground Water Scientists and Engineers, the National Water Well Association, the Hazardous Materials Control Research Institute, the Connecticut Ground Water Association and the and the Environmental Professionals of Connecticut. He is OSHA HAZWOPER certified and has been a practicing environmental scientist since 1981.

- **David P. Brassard, P.E., L.E.P.** is a Project Manager overseeing environmental site assessment, remediation, and compliance auditing projects. He holds a B.S. in Civil Engineering from the University of Connecticut (1990) and an A.S. in Forest Technology from the State University of New York (1983), and has been OSHA HAZWOPPER certified since 1990. With over 15 years of experience in the environmental field, Mr. Brassard has completed numerous site assessments and site investigations for private and public clients. He has been involved in the design, construction and operation of remediation's systems which include pump and treat, air spraging and, vapor extraction. Mr. Brassard is very familiar with the Connecticut Department of Environmental Protection's permitting and compliance process. As an engineer, Mr. Brassard has also been involved with the design of commercial and residential site development projects, subsurface leaching systems, storm water detention systems.

Appendix B

Standard Operating Protocol for Jar Headspace Screening

The following procedures will be used to screen soil samples for volatile organic compounds with a portable photoionization detector (PID) or a flame ionization detector (FID).

1. Half-fill a clean glass 8-ounce jar with the sample to be analyzed. Quickly cover the open top with a sheet of clean aluminum foil and apply the screw cap to tightly seal the jar.

2. Vigorously shake the jar for 10 seconds both at the beginning and end of the headspace development period. Allow the jar to stand 10 minutes for headspace development. When ambient temperatures are below 32°F (0°C), allow the samples to stand in a heated vehicle or building.

3. After the headspace development period, remove screw lid to expose the foil seal. Puncture the foil seal with an instrument sampling probe, to a point about one-half of the headspace depth. Do not allow water droplets or soil particulates to touch the instrument probe.

4. Observe the instrument response and record the highest meter response as the jar headspace concentration. The maximum response should occur from two to five seconds after the probe is inserted into the jar. The meter response may be erratic when the concentration of organic vapor is high or if there is excessive moisture in the sample. The experience and judgment of the instrument operator must be used to determine the validity of the headspace measurement.

5. Benzene or an equivalent compound will be used to calibrate the field screening instrument. Jar headspace sample results will be reported as total organic vapors in ppm (v/v). Instruments will be operated, maintained, and calibrated in accordance with the manufacturer's specifications. A calibration and maintenance log is kept at Rizzo Associates' office for each instrument. The daily calibration data are transcribed to the field log for each day that the instrument is used. Some samples may be collected and analyzed in duplicate to measure sample variability.

Standard Operating Protocol for Decontaminating Sampling Equipment

Whenever possible, sampling equipment will be dedicated to each sampling location or disposable equipment will be used. When this is not possible, field decontamination of the equipment will occur prior to the collection of samples for chemical analysis. The method of choice for decontamination is that which most fully removes site contaminants from the sampling equipment with the least interference to the ultimate chemical analysis. Do not use fluids that have been stored in plastic bottles to decontaminate field equipment. Deionized water and methanol used for decontamination should be stored in nalgene or teflon bottles.

Equipment used to collect samples for chemical analysis will be decontaminated as follows:

1. Wash equipment with a nonphosphate detergent solution (e.g., Alconox) and a brush.
2. Rinse thoroughly with tap water.
3. Rinse with reagent grade methanol.
4. Rinse the equipment thoroughly with deionized water.
5. Equipment that is stored or transported will be kept in a dedicated plastic bag or wrapped in aluminum foil to prevent contamination prior to use.
6. When collecting water samples, rinse the equipment three times with the media being sampled before collecting the sample.

Steam cleaning is another acceptable technique for field decontamination.

Decontamination procedures will be recorded in the field book or on the field report form. These entries will include the date, time, location, personnel, equipment, and specific procedures used for the decontamination of field equipment and the source of all fluids, including water, used in the procedure. Deviations from the standard protocols will also be noted in the field log.

Waste water and methanol solutions generated during decontamination procedures will be discharged on-site, provided that the pH is between 2 and 12.

Appendix C

TETRA TECH RIZZO

BORING NUMBER RSB-1

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/23/07 **COMPLETED** 10/23/07
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0				0.5 6" Asphalt	
		RSB-1 (0-4) Submitted		6" brown, well graded, course to fine SAND, no staining, no odor 18" brown CLAY; trace SILT, no staining, no odor, low moisture	0.0
5				36" brown CLAY, no staining, no odor, low moisture	0.3
10				60" brown CLAY; trace GRAVEL at 10', no staining, no odor, wet	
				12.0 Bottom of hole at 12.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-10

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/23/07 **COMPLETED** 10/23/07
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0				0.5 6" Asphalt	
		RSB-10 (2-4) Submitted		54" brown CLAY, no staining, no odor, low moisture	0.0
					0.0
5				60" brown CLAY, no staining, no odor, low moisture	0.0
				48" brown CLAY; trace SILT, no staining, no odor, low moisture	0.0
10				12.0	
				Bottom of hole at 12.0 feet.	

GENERAL BH / TP / WELL 12701187.GPJ GINT US.GDT 12/19/07

TETRA TECH RIZZO

BORING NUMBER RSB-11

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/23/07 **COMPLETED** 10/23/07
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0				0.5 6" Asphalt	
		RSB-11 (0-2) Submitted		6" poorly-graded, coarse, dark red SAND, no staining, no odor, low moisture	
				36" brown CLAY, no staining, no odor, low moisture	0.1
					0.0
				48" brown CLAY, no staining, no odor, low moisture	
5					
					0.0
				42" brown CLAY, no staining, no odor, low moisture	
10					
				12.0	
				Bottom of hole at 12.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-12

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/24/07 **COMPLETED** 10/24/07
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0				12" Asphalt and fill from gas line installation	
			1.0	6" brown CLAY, no staining, no odor; refusal at 4' due to black GRAVEL, low moisture	2.2
		RSB-12 (4-8) Submitted	4.5	6" well-graded SAND and GRAVEL, black and wet, petro odor; thin metal disc at the top of the sample; refusal at 4.5'	30.0
				Bottom of hole at 4.5 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-12A

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/24/07 **COMPLETED** 10/24/07
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0					
				0.5 6" Asphalt	
				6" Fill; SAND some GRAVEL, no staining, no odor, low moisture	
				12" brown CLAY, no staining, no odor, low moisture	2.2
				12" black CLAY, petro odor, low moisture	
				12" well graded, fine to coarse, wet, SAND some GRAVEL, petro odor	4.1
				6" well graded, fine to coarse, wet, SAND some GRAVEL, petro odor	
5		RSB-12A (4-8) Submitted		12" stained brown CLAY, odor; refusal at 5.5', 0.5" of asphalt at bottom of sample	5.8
				5.5	
				Bottom of hole at 5.5 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-13

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/24/07 **COMPLETED** 10/24/07
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0				0.5 6" Asphalt with 2" fill SAND	
		RSB-13 (0-2) Submitted		36" brown CLAY; trace SILT, no staining, no odor, low moisture	15.0
					1.5
5				54" brown CLAY, no staining, no odor, low moisture	
					1.5
10				36" brown CLAY, no staining, no odor, low moisture	0.9
				12.0 Bottom of hole at 12.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-14

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/24/07 **COMPLETED** 10/24/07
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0				0.5 6" Asphalt	
		RSB-14 (2-4) Submitted		30" brown CLAY, no staining, no odor, low moisture	3.2
					3.2
				60" brown CLAY, no staining, no odor, low moisture	
5					0.3
		RSB-14 (6-8) Submitted			30.0
				48" brown CLAY, no staining, no odor, low moisture	
10					
				12.0	
				Bottom of hole at 12.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-15

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/24/07 **COMPLETED** 10/24/07
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0				0.5 6" Asphalt	
				6" red, coarse, poorly graded SAND, no staining, no odor, low moisture	
				30" brown CLAY; trace SILT, no staining, no odor, low moisture	4.9
		RSB-15 (2-4)			10.0
				6" brown CLAY, no staining, no odor, WET	
5				6" SAND and CLAY, no staining, no odor, moist	
				30" brown CLAY, no staining, no odor, moist	9.8
					1.3
				48" brown CLAY some SAND at 9', no staining, no odor, moist	
10					1.3
				12.0	
				Bottom of hole at 12.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-16

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/24/07 **COMPLETED** 10/24/07
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0					
		RSB-16 (0-2) Submitted	0.5	6" Asphalt	
				42" brown CLAY; trace SILT, odor, no staining, low moisture	25.0
		RSB-16 (2-4) Submitted			3.9
				36" brown CLAY; trace wet SAND at 5', no staining, slight odor	3.1
5					6.1
				42" brown CLAY, no staining, no odor, WET	
10					
			12.0		
				Bottom of hole at 12.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-2

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/23/07 **COMPLETED** 10/23/07
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0				0.5 6" Asphalt	
		RSB-2 (0-4) Submitted		12" Brown CLAY, trace SILT, no staining, no odor, low moisture	0.0
5		RSB-2 (4-8) Submitted		60" Brown CLAY, trace SILT, no staining, no odor, low moisture	0.3
10				48" Brown CLAY, WET, no staining, no odor	
				12.0 Bottom of hole at 12.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-3

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/23/07 **COMPLETED** 10/23/07
GROUND ELEVATION **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0			0.5 6" Asphalt	
			18" Brown CLAY, trace coal color GRAVEL, no staining, no odor, low moisture	0.5
			18" Brown CLAY, no staining, no odor, low moisture	0.2
			36" Brown CLAY, no staining, no odor, low moisture	
5				0.2
			48" Brown CLAY, no staining, no odor	
10				
			12.0 Bottom of hole at 12.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-4

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/23/07 **COMPLETED** 10/23/07
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0				0.5 6" Asphalt	
		RSB-4 (0-2) Submitted		6" Red coarse SAND and brown CLAY; black staining and petro odor, low moisture 36" brown CLAY; slight petro odor, no staining, low moisture	4.6
		RSB-4 (2-4) Submitted			8.8
5				42" brown CLAY; slight petro odor, no staining, low moisture	
		RSB-4 (4-8) Submitted			1.6
				24" brown CLAY trace GRAVEL; slight petro odor, no staining, low moisture	1.7
10					
				12.0	
				Bottom of hole at 12.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-5

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/23/07 **COMPLETED** 10/23/07
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0				0.5 6" Asphalt	
		RSB-5 (0-4) Submitted		24" brown/black CLAY trace SAND, no staining, no odor, low moisture	0.0
5				60" brown CLAY, no staining, no odor, low moisture	0.2
10				42" brown CLAY, no staining, no odor, low moisture	
				12.0 Bottom of hole at 12.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-6

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/23/07 **COMPLETED** 10/23/07
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0				0.5 6" Asphalt	
		RSB-6 (2-4) Submitted		12" black/brown CLAY, no odor, low moisture	0.2
				24" brown CLAY trace SILT (two 4mm thick layers of wet silt), no staining, no odor, low moisture	0.3
				36" brown CLAY, no staining, no odor, low moisture	
5					0.2
				48" brown CLAY, no staining, no odor, moist	
10					
				12.0 Bottom of hole at 12.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-7

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/23/07 **COMPLETED** 10/23/07
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0				0.5 6" Asphalt	
		RSB-7 (0-2) Submitted		12" black/brown CLAY; black staining, no odor, low moisture	0.4
				30" brown CLAY, no staining, no odor, low moisture	0.0
				24" brown CLAY trace SILT, no staining, no odor, low moisture	
5				36" brown CLAY, no staining, no odor, low moisture	
				48" brown CLAY, no staining, no odor, low moisture	
10				12.0	
				Bottom of hole at 12.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-8

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/23/07 **COMPLETED** 10/23/07
GROUND ELEVATION **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0				0.5 6" Asphalt	
		RSB-8 (0-4) Submitted		30" brown CLAY, no staining, no odor, low moisture	0.2
5				60" brown CLAY, no staining, no odor, low moisture	0.0
10				24" brown CLAY; refusal at 12' due to sandstone, no staining, no odor, low moisture	
				12.0 Bottom of hole at 12.0 feet.	

GENERAL BH / TP / WELL 12701187.GPJ GINT US.GDT 12/10/07

TETRA TECH RIZZO

BORING NUMBER RSB-9

CLIENT CT DOT
PROJECT NAME 642 New Park Avenue
PROJECT NUMBER 12701187
PROJECT LOCATION 642 New Park Avenue, West Hartford, Connecticut
DATE STARTED 10/23/07 **COMPLETED** 10/23/07
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Logical Environmental Solutions
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Joe Perko
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0				0.5 6" Asphalt	
		RSB-9 (0-2) Submitted		6" brown/black stained CLAY, septic odor, no staining, low moisture	
				36" brown CLAY, no staining, no odor, low moisture	0.2
					0.0
				48" brown CLAY, no staining, no odor, low moisture	
5					0.0
				42" brown CLAY, no staining, no odor, low moisture	
10					
				12.0	
				Bottom of hole at 12.0 feet.	

Appendix D

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: RSB-1
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: P. dePaula
Client: Tetra Tech Rizzo
Date: 10-23-07

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

Depth (feet)	Symbol	Description	Depth (feet)	Recovery (inches)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"	0.5		
1.0		Crushed ASPHALT, little Black to Dark-Gray fine to medium Sand			
2.0				37"	Macro Core 0'-4'
3.0					
4.0					
5.0					
6.0				39"	Macro Core 4'-8'
7.0		Brown Varved Silty CLAY (very moist)			
8.0					
9.0					
10.0				48"	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

Driller: W. Lineberry
Boring Dia.: 2"
Rig: Geoprobe 540U
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: RSB-2
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: P. dePaula
Client: Tetra Tech Rizzo
Date: 10-23-07

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

Depth (feet)	Symbol	Description	Depth (feet)	Recovery (inches)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"			
1.0		Black fine to medium SAND and Crushed Asphalt, little fine Gravel	1.0		
2.0		Brown SILT, trace Clay		13"	Macro Core 0'-4'
3.0			3.0		
4.0					
5.0					
6.0				43"	Macro Core 4'-8'
7.0		Brown Varved Silty CLAY (very moist)			
8.0					
9.0					
10.0				39"	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

Driller: W. Lineberry
Boring Dia.: 2"
Rig: Geoprobe 540U
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: RSB-3
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: P. dePaula
Client: Tetra Tech Rizzo
Date: 10-23-07

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

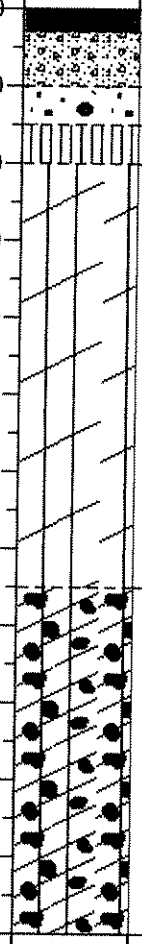
Depth (feet)	Symbol	Description	Depth (feet)	Recovery (inches)	Sample Interval
		Ground Surface	0.0		
0.0		ASPHALT - 3"			
1.0		Dark-Gray to Black fine to medium SAND, little fine to coarse Gravel & Silt	1.0		
2.0		Gray SILT, trace Coal Fragments & Organics		47"	Macro Core 0'-4'
3.0			3.0		
4.0					
5.0		Gray-Brown SILT, trace Clay			
6.0				46"	Macro Core 4'-8'
7.0					
8.0		grade to Brown Silty CLAY			
9.0					
10.0				48"	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

Driller: W. Lineberry
Boring Dia.: 2"
Rig: Geoprobe 540U
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: RSB-4
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: P. dePaula
Client: Tetra Tech Rizzo
Date: 10-23-07

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



Depth (feet)	Description	Depth (feet)	Recovery (inches)	Sample Interval
0.0	Ground Surface	0.0		
	ASPHALT - 3"			
1.0	Black fine to medium SAND & Crushed ASPHALT, little Gravel	1.0		
	Red-Brown f-c SAND, trace Silt	1.5		
2.0	Gray to Black SILT, trace Clay & fine Gravel (petroleum odor)	2.0	47"	Macro Core 0'-4'
3.0				
4.0				
5.0	Gray-Brown to Red-Brown Silt, trace Clay			
6.0			26"	Macro Core 4'-8'
7.0				
		7.5		
8.0				
9.0				
10.0	Gray-Brown to Red-Brown SILT, trace Clay & Cobble		18"	Macro Core 8'-12'
11.0				
12.0		12.0		
13.0	End of Boring at 12'			
14.0				
15.0				

Driller: W. Lineberry
Boring Dia.: 2"
Rig: Geoprobe 540U
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: RSB-5
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: P. dePaula
Client: Tetra Tech Rizzo
Date: 10-23-07

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

Depth (feet)	Symbol	Description	Depth (feet)	Recovery (inches)	Sample Interval
		Ground Surface	0.0		
0.0		ASPHALT - 3"			
1.0		Dark-Brown to Black fine to medium SAND, little fine to coarse Gravel, trace Silt	1.0		
		Brown Clayey SILT (moist)	1.5		
2.0		Gray SILT, trace Organics	2.0	17"	Macro Core 0'-4'
3.0					
4.0					
5.0					
6.0				48"	Macro Core 4'-8'
7.0		Brown SILT, trace Clay			
8.0					
9.0					
10.0				48"	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

Driller: W. Lineberry
Boring Dia.: 2"
Rig: Geoprobe 540U
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: RSB-6
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: P. dePaula
Client: Tetra Tech Rizzo
Date: 10-23-07

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

Depth (feet)	Symbol	Description	Depth (feet)	Recovery (inches)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"	0.5		
1.0		Dark-Gray to Black fine to medium SAND, little fine to coarse Gravel, trace Crushed Asphalt	1.5		
		Gray SILT, trace Clay, Coal Fragments, & Organics			
2.0				42"	Macro Core 0'-4'
3.0					
4.0					
5.0					
6.0				41"	Macro Core 4'-8'
7.0		Brown Clay, trace Silt (very moist at 7')			
8.0					
9.0					
10.0				48"	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

Driller: W. Lineberry
Boring Dia.: 2"
Rig: Geoprobe 540U
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: RSB-7
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: P. dePaula
Client: Tetra Tech Rizzo
Date: 10-23-07

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

Depth (feet)	Symbol	Description	Depth (feet)	Recovery (inches)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"			
1.0		Dark-Gray to Black fine to medium SAND, little fine to coarse Gravel, trace Crushed Asphalt	1.0		
		Gray SILT, trace Clay	1.5		
2.0				48"	Macro Core 0'-4'
3.0					
4.0		Brown SILT, trace Clay			
5.0					
6.0				48"	Macro Core 4'-8'
7.0		grade to Brown Silty varved CLAY			
8.0					
9.0					
10.0				40"	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

Driller: W. Lineberry
Boring Dia.: 2"
Rig: Geoprobe 540U
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: RSB-8
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: P. dePaula
Client: Tetra Tech Rizzo
Date: 10-23-07

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

Depth (feet)	Symbol	Description	Depth (feet)	Recovery (inches)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"			
1.0		Gray to Black fine to medium SAND, little fine to coarse Gravel, trace Crushed Asphalt	1.0		
2.0				30"	Macro Core 0'-4'
3.0		Brown SILT, trace fine Sand & Clay			
4.0					
5.0					
6.0				48"	Macro Core 4'-8'
7.0		grade to Brown Silty varved CLAY			
8.0					
9.0					
10.0				18"	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		Refusal at 12' on Red-Brown Sandstone			
14.0					
15.0					

Driller: W. Lineberry
Boring Dia.: 2"
Rig: Geoprobe 540U
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: RSB-9
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: P. dePaula
Client: Tetra Tech Rizzo
Date: 10-23-07

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

Depth (feet)	Symbol	Description	Depth (feet)	Recovery (inches)	Sample Interval
0.0		Ground Surface	0.0		
		Dark-Brown fine to medium SAND, little fine to coarse Gravel, trace Crushed Asphalt"	0.5		
1.0		Gray SILT, trace Clay	1.5		
2.0				47"	Macro Core 0'-4'
3.0					
4.0					
5.0					
6.0				30"	Macro Core 4'-8'
7.0		Brown varved Silty CLAY			
8.0					
9.0					
10.0				40"	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

Driller: W. Lineberry
Boring Dia.: 2"
Rig: Geoprobe 540U
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: RSB-10
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: P. dePaula
Client: Tetra Tech Rizzo
Date: 10-23-07

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

Depth (feet)	Symbol	Description	Depth (feet)	Recovery (inches)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"			
1.0		Black fine to medium SAND and Crushed Asphalt, little fine Gravel	1.0		
2.0		Brown SILT, trace Clay		48"	Macro Core 0'-4'
3.0					
4.0			4.0		
5.0		Brown Varved Silty CLAY (very moist)			
6.0				48"	Macro Core 4'-8'
7.0					
8.0					
9.0					
10.0				42"	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

Driller: W. Lineberry
Boring Dia.: 2"
Rig: Geoprobe 540U
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: RSB-11
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: P. dePaula
Client: Tetra Tech Rizzo
Date: 10-23-07

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

Depth (feet)	Symbol	Description	Depth (feet)	Recovery (inches)	Sample Interval
		Ground Surface	0.0		
0.0		ASPHALT - 3"			
1.0		Dark-Brown to Black fine to medium SAND, little Crushed Asphalt & Gravel	1.0		
			1.5		
2.0		Red-Brown f-m SAND, little Silt, trace f-c Gravel		48"	Macro Core 0'-4'
3.0		Brown SILT, little fine Sand, trace Clay			
4.0			4.0		
5.0					
6.0				48"	Macro Core 4'-8'
7.0					
8.0		Brown to Red-Brown Varved Silty CLAY (moist at 7')			
9.0					
10.0				34"	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

Driller: W. Lineberry
Boring Dia.: 2"
Rig: Geoprobe 540U
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: RSB-12
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: P. dePaula
Client: Tetra Tech Rizzo
Date: 10-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	Recovery (inches)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"			
1.0		Brown fine to medium SAND, little fine to medium Gravel & Silt			
2.0			2.0	34"	Macro Core 0'-4'
3.0		Brown to Gray SILT			
			3.5		
4.0		Gray fine SAND, little fine to coarse Gravel (petroleum odor)			
5.0			5.0		
6.0		Gray-Brown SILT (petroleum odor)		9"	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0					
10.0					
11.0					
12.0		Refusal at 8' on Asphalt			
		First Boring Attempt - Refusal at 8'			
13.0					
14.0					
15.0					

Driller: W. Lineberry
Boring Dia.: 2"
Rig: Geoprobe 540U
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: RSB-13
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: P. dePaula
Client: Tetra Tech Rizzo
Date: 10-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	Recovery (inches)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 4"	0.5		
1.0		Dark-Gray to Black f-m SAND, little Crushed Asphalt & f-c Gravel	1.0		
		Brown fine to coarse SAND, trace Silt			
2.0		Gray-Brown SILT	2.5	39"	Macro Core 0'-4'
3.0					
4.0					
5.0					
6.0				48"	Macro Core 4'-8'
7.0		Brown Silty CLAY			
8.0					
9.0					
10.0				41"	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

Driller: W. Lineberry
Boring Dia.: 2"
Rig: Geoprobe 540U
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: RSB-14
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: P. dePaula
Client: Tetra Tech Rizzo
Date: 10-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	Recovery (inches)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"	0.5		
1.0		Dark-Gray to Black fine to medium SAND & Crushed ASPHALT, little fine to coarse Gravel	1.5		
		Gray SILT, trace fine Sand & Clay		38"	Macro Core 0'-4'
2.0					
3.0					
4.0					
5.0					
6.0				48"	Macro Core 4'-8'
7.0		Brown Silty CLAY (very moist at 9')			
8.0					
9.0					
10.0				48"	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

Driller: W. Lineberry
Boring Dia.: 2"
Rig: Geoprobe 540U
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: RSB-15
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: P. dePaula
Client: Tetra Tech Rizzo
Date: 10-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	Recovery (inches)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"			
1.0		Brown fine to coarse SAND, little Silt	1.0		
2.0		Gray-Brown SILT, trace Clay	2.5	39"	Macro Core 0'-4'
3.0					
4.0					
5.0					
6.0				30"	Macro Core 4'-8'
7.0		Brown Silty CLAY			
8.0					
9.0					
10.0				46"	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

Driller: W. Lineberry
Boring Dia.: 2"
Rig: Geoprobe 540U
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: RSB-16
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: P. dePaula
Client: Tetra Tech Rizzo
Date: 10-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	Recovery (inches)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"			
1.0		Dark-Gray to Black fine to medium SAND & Crushed ASPHALT, little fine to coarse Gravel	1.0		
2.0		Gray SILT, trace fine Sand & Clay		47"	Macro Core 0'-4'
3.0			3.0		
4.0					
5.0					
6.0				34"	Macro Core 4'-8'
7.0		Brown Clayey SILT(very moist at 9')			
8.0					
9.0					
10.0				39"	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

Driller: W. Lineberry
Boring Dia.: 2"
Rig: Geoprobe 540U
Page: 1 of 1

Appendix D

Report Date:
07-Dec-07 15:59

☐ Final Report
☐ Re-Issued Report
☑ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Tetra Tech Rizzo
150 Trumbull Street, 4th Floor
Hartford, CT 06103-2428
Attn: David Brassard

Project: 642 New Park - West Hartford, CT
Project 12701187

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA70198-01	RSB-16 (2-4)	Soil	24-Oct-07 18:35	26-Oct-07 15:15
SA70198-02	RSB-2 (0-4)	Soil	23-Oct-07 21:20	26-Oct-07 15:15
SA70198-03	RSB-1 (0-4)	Soil	23-Oct-07 21:43	26-Oct-07 15:15
SA70198-04	RSB-12A (4-8)	Soil	24-Oct-07 19:10	26-Oct-07 15:15
SA70198-05	RSB-5 (0-4)	Soil	23-Oct-07 20:40	26-Oct-07 15:15
SA70198-06	RSB-2 (4-8)	Soil	23-Oct-07 21:25	26-Oct-07 15:15
SA70198-07	RSB-10 (2-4)	Soil	23-Oct-07 22:11	26-Oct-07 15:15
SA70198-08	RSB-14 (2-4)	Soil	24-Oct-07 18:14	26-Oct-07 15:15
SA70198-09	RSB-4 (2-4)	Soil	23-Oct-07 18:40	26-Oct-07 15:15
SA70198-10	RSB-14 (6-8)	Soil	24-Oct-07 18:20	26-Oct-07 15:15
SA70198-11	RSB-4 (0-2)	Soil	23-Oct-07 18:40	26-Oct-07 15:15
SA70198-12	RSB-8 (0-4)	Soil	23-Oct-07 19:04	26-Oct-07 15:15
SA70198-13	RSB-4 (4-8)	Soil	23-Oct-07 18:45	26-Oct-07 15:15
SA70198-14	RSB-11 (0-2)	Soil	23-Oct-07 18:06	26-Oct-07 15:15
SA70198-15	RSB-4 (8-12)	Soil	23-Oct-07 18:50	26-Oct-07 15:15
SA70198-16	RSB-9 (0-2)	Soil	23-Oct-07 19:30	26-Oct-07 15:15
SA70198-17	RSB-7 (0-2)	Soil	23-Oct-07 19:54	26-Oct-07 15:15
SA70198-18	RSB-16 (0-2)	Soil	24-Oct-07 18:35	26-Oct-07 15:15
SA70198-19	RSB-6 (2-4)	Soil	23-Oct-07 20:15	26-Oct-07 15:15
SA70198-20	RSB-15 (2-4)	Soil	24-Oct-07 19:20	26-Oct-07 15:15
SA70198-21	RSB-13 (0-2)	Soil	24-Oct-07 19:55	26-Oct-07 15:15
SA70198-22	RSB-12 (4-8)	Soil	24-Oct-07 18:55	26-Oct-07 15:15

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
Please note that this report contains 129 pages of analytical data plus Chain of Custody document(s).
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
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, 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 (NH-2972, NY-11840, FL-E87936 and NJ-MA012).

CASE NARRATIVE:

The samples were received @ 5.9 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt An infrared thermometer with a tolerance of+/- 2.0 degrees Celsius was used immediately upon receipt of the samples Temperatures exceeding the +/- 2.0 degrees Celsius may affect sample results as stated in each specific method, samples collected for air analysis should be collected and submitted at ambient temperature.

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.

The following analytes identified in the CTDEP RCP method specific analyte list for Air Method TO-15 will not be included in this report: Acrylonitrile, n-Butylbenzene, sec-Butylbenzene, 1,3-Dichlorobenzene, Isopropylbenzene (Cumeme), 4-Isopropyltoluene and 1,1,1,2-Tetrachloroethane.

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.

According to CTDEP RCP Quality Assurance and Quality Control Requirements for VOCs by method8260, 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.

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

SW 846 8260B

Samples:

SA70198-11 *RSB-4 (0-2)*

The production of Acetone and other ketones is commonly seen when using the SW846 5035A extraction technique.

Acetone

SA70198-17 *RSB-7 (0-2)*

The production of Acetone and other ketones is commonly seen when using the SW846 5035A extraction technique.

Acetone

SA70198-18 *RSB-16 (0-2)*

The production of Acetone and other ketones is commonly seen when using the SW846 5035A extraction technique.

Acetone

SW846 1311/6010B

SW846 1311/6010B

Blanks:

7120331-BLK1

The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria

Barium

Duplicates:

7120331-DUP1 *Source: SA70198-11*

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

Barium
Lead

SW846 1312/6010B

Duplicates:

7120352-DUP1 *Source: SA70198-11*

Analyses are not controlled on RPD values from sample concentrations that are less than5 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

Lead

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

Barium

SW846 6010B

SW846 6010B

Spikes:

7110346-MS1 *Source: SA70198-02*

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.

Arsenic
Barium
Cadmium
Chromium
Lead
Selenium

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 or SRM recoveries within the control limits.

Silver

7110346-MSD1 *Source: SA70198-02*

The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for batch duplicate

Arsenic
Barium
Cadmium
Chromium
Lead
Selenium
Silver

7110356-MS1 *Source: SA70198-22*

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.

Silver

7110356-MSD1 *Source: SA70198-22*

The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for batch duplicate

Silver

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.

Silver

Samples:

SA70198-04 *RSB-12A (4-8)*

The Reporting Limit has been raised to account for matrix interference

Arsenic

SW846 7471A

Spikes:

7110357-MSD1 *Source: SA70198-22*

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 or SRM recoveries within the control limits.

Mercury

SW846 7471A

Duplicates:

7110348-DUP1 *Source: SA70198-01*

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

Mercury

SW846 8270C

Laboratory Control Samples:

7110120-BS1

Analyte out of acceptance range in QC spike but no reportable concentration present in sample

2,4-Dinitrophenol
4,6-Dinitro-2-methylphenol
Di-n-octyl phthalate
Hexachlorocyclopentadiene

7110195-BS1

Analyte out of acceptance range in QC spike but no reportable concentration present in sample

Aniline
Pyridine

Spikes:

7110120-MS1 *Source: SA70306-01*

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Pentachlorophenol

7110120-MSD1 *Source: SA70306-01*

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Pentachlorophenol

Samples:

SA70198-01 *RSB-16 (2-4)*

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

SA70198-18 *RSB-16 (0-2)*

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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-16 (2-4) SA70198-01	12701187	Soil	24-Oct-07 18:35	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	9.7	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
67-64-1	Acetone	BRL		µg/kg dry	96.8	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	9.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	9.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	19.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	96.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	48.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	9.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	19.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	9.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	19.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	19.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	9.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	19.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	96.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	9.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	96.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	96.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	9.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-16 (2-4) SA70198-01	12701187	Soil	24-Oct-07 18:35	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	9.7	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
100-42-5	Styrene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	9.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	9.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	19.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	96.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	9.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	9.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	9.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	96.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	194	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	48.4	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	1680	5	SW846 8270C	02-Nov-07	07-Nov-07	7110120	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	1680	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	1680	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	1680	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	1680	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1680	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1680	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	1680	5	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	1680	5	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	1680	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1680	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	1680	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1680	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1680	5	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1680	5	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1680	5	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-16 (2-4) SA70198-01	12701187	Soil	24-Oct-07 18:35	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3545A											
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1680	5	SW846 8270C	02-Nov-07	07-Nov-07	7110120	M.B
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1680	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1680	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1680	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	1680	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1680	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1680	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1680	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1680	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1680	5	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	1680	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1680	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1680	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1680	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1680	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1680	5	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	1680	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1680	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1680	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1680	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1680	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1680	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1680	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1680	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1680	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1680	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1680	5	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	1680	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1680	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1680	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1680	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1680	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1680	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1680	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1680	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1680	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1680	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	1680	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	1680	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1680	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1680	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1680	5	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	6710	5	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	1680	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1680	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	6710	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1680	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1680	5	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1680	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1680	5	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-16 (2-4) SA70198-01	12701187	Soil	24-Oct-07 18:35	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3545A											
85-01-8	Phenanthrene	BRL		µg/kg dry	1680	5	SW846 8270C	02-Nov-07	07-Nov-07	7110120	M.B
108-95-2	Phenol	BRL		µg/kg dry	1680	5	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	1680	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	1680	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1680	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1680	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1680	5	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	1680	5	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	1680	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*53*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*47*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*52*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*44*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*54*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*36*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	41.8	1	SW846 8082	02-Nov-07	06-Nov-07	7110256	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	41.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	41.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	41.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	41.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	41.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	41.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	41.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	41.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	38.5	1	+CT ETPH	05-Nov-07	06-Nov-07	7110300	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	38.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	38.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	38.5	1	"	"	"	"	"
M09800000	Motor Oil	2,100		mg/kg dry	38.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	38.5	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	38.5	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	38.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	2,100		mg/kg dry	38.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	2,100		mg/kg dry	38.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*64*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	4.99		mg/kg dry	1.95	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	6.40		mg/kg dry	1.95	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-16 (2-4) SA70198-01	12701187	Soil	24-Oct-07 18:35	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	268		mg/kg dry	1.30	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	BRL		mg/kg dry	0.650	1	"	"	"	"	"
7440-47-3	Chromium	44.3		mg/kg dry	1.30	1	"	"	"	"	"
7439-97-6	Mercury	0.0407		mg/kg dry	0.0404	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	154		mg/kg dry	1.95	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.95	1	"	"	"	"	"
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	05-Dec-07	05-Dec-07	7120295	SFD
7440-39-3	Barium	0.424		mg/l	0.0100	1	SW846 1311/6010B	06-Dec-07	07-Dec-07	7120331	SA
7439-92-1	Lead	0.0324		mg/l	0.0150	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	05-Dec-07	05-Dec-07	7120294	SFD
7440-39-3	Barium	0.216		mg/l	0.0100	1	SW846 1312/6010B	06-Dec-07	07-Dec-07	7120352	SA
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	70.3		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (0-4) SA70198-02	12701187	Soil	23-Oct-07 21:20	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	8.8	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
67-64-1	Acetone	BRL		µg/kg dry	87.9	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.8	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.8	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	17.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	87.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	44.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	17.6	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.8	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	17.6	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	17.6	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.8	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	17.6	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	87.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	87.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	87.9	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	8.8	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (0-4) SA70198-02	12701187	Soil	23-Oct-07 21:20	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.8	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
100-42-5	Styrene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.8	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.8	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	17.6	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	87.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.8	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.8	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	87.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	176	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	44.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*123*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	362	1	SW846 8270C	02-Nov-07	07-Nov-07	7110120	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	362	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	362	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	362	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	362	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	362	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	362	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	362	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	362	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	362	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	362	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	362	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	362	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	362	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	362	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	362	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (0-4)	12701187	Soil	23-Oct-07 21:20	26-Oct-07
SA70198-02				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	362	1	SW846 8270C	02-Nov-07	07-Nov-07	7110120	M.B
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	362	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	362	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	362	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	362	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	362	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	362	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	362	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	362	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	362	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	362	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	362	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	362	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	362	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	362	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	362	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	362	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	362	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	362	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	362	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	362	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	362	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	362	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	362	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	362	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	362	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	362	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1450	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	362	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	362	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1450	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	362	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	362	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	362	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (0-4) SA70198-02	12701187	Soil	23-Oct-07 21:20	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
85-01-8	Phenanthrene	BRL		µg/kg dry	362	1	SW846 8270C	02-Nov-07	07-Nov-07	7110120	M.B
108-95-2	Phenol	BRL		µg/kg dry	362	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	362	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	362	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	362	1	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*49*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*48*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*52*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*45*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*53*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*44*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	46.1	1	SW846 8082	02-Nov-07	06-Nov-07	7110256	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	46.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	46.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	46.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	46.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	46.1	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	46.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	46.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	46.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*35*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	36.7	1	+CT ETPH	05-Nov-07	06-Nov-07	7110299	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	36.7	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	36.7	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	36.7	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	36.7	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	36.7	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	36.7	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	36.7	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	36.7	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	36.7	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*70*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	5.46		mg/kg dry	1.96	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	7.43		mg/kg dry	1.96	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (0-4) SA70198-02	12701187	Soil	23-Oct-07 21:20	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	284		mg/kg dry	1.31	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	BRL		mg/kg dry	0.653	1	"	"	"	"	"
7440-47-3	Chromium	47.2		mg/kg dry	1.31	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0397	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	11.5		mg/kg dry	1.96	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.96	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	71.1		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-1 (0-4) SA70198-03	12701187	Soil	23-Oct-07 21:43	26-Oct-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	7.7	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
67-64-1	Acetone	BRL		µg/kg dry	77.3	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	77.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	38.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	77.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	173		µg/kg dry	7.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	77.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	77.3	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-1 (0-4)	12701187	Soil	23-Oct-07 21:43	26-Oct-07
SA70198-03				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.7	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
100-42-5	Styrene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
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	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	77.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	19.0		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	77.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	155	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	38.7	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*107*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	323	1	SW846 8270C	02-Nov-07	07-Nov-07	7110120	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	323	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	323	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	323	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	323	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	323	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	323	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	323	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	323	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	323	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	323	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	323	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	323	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	323	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	323	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	323	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-1 (0-4) SA70198-03	12701187	Soil	23-Oct-07 21:43	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	323	1	SW846 8270C	02-Nov-07	07-Nov-07	7110120	M.B
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	323	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	323	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	323	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	323	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	323	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	323	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	323	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	323	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	323	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	323	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	323	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	323	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	323	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	323	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	323	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	323	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	323	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	323	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	323	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	323	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	323	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	323	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	323	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	323	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	323	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	323	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	323	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	323	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	323	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	323	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	323	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	323	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	323	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	323	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	323	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	323	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	323	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	323	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	323	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	323	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	323	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1290	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	323	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	323	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1290	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	323	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	323	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	323	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	323	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-1 (0-4) SA70198-03	12701187	Soil	23-Oct-07 21:43	26-Oct-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
85-01-8	Phenanthrene	BRL		µg/kg dry	323	1	SW846 8270C	02-Nov-07	07-Nov-07	7110120	M.B
108-95-2	Phenol	BRL		µg/kg dry	323	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	323	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	323	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	323	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	323	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	323	1	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	323	1	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	323	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*48*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*48*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*49*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*45*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*52*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*44*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	41.1	1	SW846 8082	02-Nov-07	06-Nov-07	7110256	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	41.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	41.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	41.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	41.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	41.1	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	41.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	41.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	41.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	35.9	1	+CT ETPH	05-Nov-07	06-Nov-07	7110299	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	35.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	35.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	35.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	35.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	35.9	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	35.9	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	35.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	35.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	35.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*82*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	3.75		mg/kg dry	1.68	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	6.68		mg/kg dry	1.68	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-1 (0-4) SA70198-03	12701187	Soil	23-Oct-07 21:43	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	281		mg/kg dry	1.12	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	BRL		mg/kg dry	0.561	1	"	"	"	"	"
7440-47-3	Chromium	44.5		mg/kg dry	1.12	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0356	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	11.3		mg/kg dry	1.68	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.68	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	78.0		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-12A (4-8) SA70198-04	12701187	Soil	24-Oct-07 19:10	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	7.2	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
67-64-1	Acetone	BRL		µg/kg dry	71.9	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	14.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	71.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	35.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	14.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	14.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	71.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	71.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	71.9	1	"	"	"	"	"
91-20-3	Naphthalene	8.7		µg/kg dry	7.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-12A (4-8) SA70198-04	12701187	Soil	24-Oct-07 19:10	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.2	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
100-42-5	Styrene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
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	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	14.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	71.9	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	7.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	71.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	144	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	35.9	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*122*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	38.4	1	+CT ETPH	05-Nov-07	06-Nov-07	7110300	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	38.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	38.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	38.4	1	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	38.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	38.4	1	"	"	"	"	"
	Unidentified	228		mg/kg dry	38.4	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	38.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	228		mg/kg dry	38.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	228		mg/kg dry	38.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*57*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	2.94		mg/kg dry	1.89	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	BRL	R01	mg/kg dry	37.8	20	"	"	14-Nov-07	"	"

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
RSB-12A (4-8) SA70198-04	12701187	Soil	24-Oct-07 19:10	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	442		mg/kg dry	1.26	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	5.25		mg/kg dry	0.630	1	"	"	"	"	"
7440-47-3	Chromium	87.0		mg/kg dry	1.26	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0419	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	306		mg/kg dry	1.89	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	2.52	1	"	"	"	"	"
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	05-Dec-07	05-Dec-07	7120295	SFD
7440-39-3	Barium	0.902		mg/l	0.0100	1	SW846 1311/6010B	06-Dec-07	07-Dec-07	7120331	SA
7439-92-1	Lead	0.163		mg/l	0.0150	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	05-Dec-07	05-Dec-07	7120294	SFD
7440-39-3	Barium	BRL		mg/l	0.0100	1	SW846 1312/6010B	06-Dec-07	07-Dec-07	7120352	SA
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	70.7		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-5 (0-4) SA70198-05	12701187	Soil	23-Oct-07 20:40	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	6.4	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
67-64-1	Acetone	BRL		µg/kg dry	63.9	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.8	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	63.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.8	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.8	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.8	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.8	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	63.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	63.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	63.9	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.4	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-5 (0-4)	12701187	Soil	23-Oct-07 20:40	26-Oct-07
SA70198-05				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.4	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
100-42-5	Styrene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
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	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.8	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	63.9	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	63.9	1	"	"	"	"	"
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	31.9	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*	*121*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	315	1	SW846 8270C	02-Nov-07	07-Nov-07	7110120	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	315	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	315	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	315	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	315	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	315	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	315	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	315	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	315	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	315	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	315	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	315	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	315	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	315	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	315	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	315	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-5 (0-4) SA70198-05	12701187	Soil	23-Oct-07 20:40	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	315	1	SW846 8270C	02-Nov-07	07-Nov-07	7110120	M.B
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	315	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	315	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	315	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	315	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	315	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	315	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	315	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	315	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	315	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	315	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	315	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	315	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	315	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	315	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	315	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	315	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	315	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	315	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	315	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	315	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	315	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	315	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	315	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	315	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	315	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	315	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	315	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	315	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	315	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	315	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	315	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	315	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	315	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	315	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	315	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	315	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	315	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	315	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	315	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	315	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	315	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1260	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	315	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	315	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1260	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	315	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	315	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	315	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	315	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-5 (0-4)	12701187	Soil	23-Oct-07 20:40	26-Oct-07
SA70198-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
85-01-8	Phenanthrene	BRL		µg/kg dry	315	1	SW846 8270C	02-Nov-07	07-Nov-07	7110120	M.B
108-95-2	Phenol	BRL		µg/kg dry	315	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	315	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	315	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	315	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	315	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	315	1	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	315	1	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	315	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*58*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*65*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*55*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*65*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*52*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	38.4	1	SW846 8082	02-Nov-07	06-Nov-07	7110256	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	38.4	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	38.4	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	38.4	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	38.4	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	38.4	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	38.4	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	38.4	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	38.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	34.8	1	+CT ETPH	05-Nov-07	06-Nov-07	7110299	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	34.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	34.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	34.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	34.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	34.8	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	34.8	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	34.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	34.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	34.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*71*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	2.79		mg/kg dry	1.75	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	6.16		mg/kg dry	1.75	1	"	"	"	"	"

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
RSB-5 (0-4) SA70198-05	12701187	Soil	23-Oct-07 20:40	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	177		mg/kg dry	1.17	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	BRL		mg/kg dry	0.584	1	"	"	"	"	"
7440-47-3	Chromium	32.4		mg/kg dry	1.17	1	"	"	"	"	"
7439-97-6	Mercury	0.0630		mg/kg dry	0.0347	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	42.1		mg/kg dry	1.75	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.75	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	78.0		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (4-8) SA70198-06	12701187	Soil	23-Oct-07 21:25	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	8.6	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
67-64-1	Acetone	BRL		µg/kg dry	86.2	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.6	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.6	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.6	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.6	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	17.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	86.2	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	43.1	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	17.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	17.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	17.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.6	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.6	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.6	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	17.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.6	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.6	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.6	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	86.2	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	71.4		µg/kg dry	8.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	86.2	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	86.2	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	8.6	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (4-8) SA70198-06	12701187	Soil	23-Oct-07 21:25	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.6	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
100-42-5	Styrene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.6	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.6	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.6	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	17.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.6	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	86.2	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.6	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	12.2		µg/kg dry	8.6	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.6	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.6	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	86.2	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	172	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	43.1	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*109*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	36.9	1	+CT ETPH	05-Nov-07	06-Nov-07	7110299	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	36.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	36.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	36.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	36.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	36.9	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	36.9	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	36.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	36.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	36.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*85*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	4.64		mg/kg dry	2.03	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	7.39		mg/kg dry	2.03	1	"	"	"	"	"

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
RSB-2 (4-8) SA70198-06	12701187	Soil	23-Oct-07 21:25	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	270		mg/kg dry	1.35	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	BRL		mg/kg dry	0.677	1	"	"	"	"	"
7440-47-3	Chromium	45.5		mg/kg dry	1.35	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0398	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	10.7		mg/kg dry	2.03	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	2.03	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	71.2		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-10 (2-4) SA70198-07	12701187	Soil	23-Oct-07 22:11	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	6.8	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
67-64-1	Acetone	BRL		µg/kg dry	68.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.8	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.8	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	68.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	34.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.6	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.8	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.6	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.6	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.8	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.6	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	68.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	68.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	68.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.8	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-10 (2-4) SA70198-07	12701187	Soil	23-Oct-07 22:11	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.8	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
100-42-5	Styrene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.8	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.8	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.6	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	68.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	68.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	136	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	34.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*125*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	351	1	SW846 8270C	02-Nov-07	07-Nov-07	7110120	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	351	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	351	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	351	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	351	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	351	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	351	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	351	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	351	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	351	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	351	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	351	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	351	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	351	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	351	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	351	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-10 (2-4) SA70198-07	12701187	Soil	23-Oct-07 22:11	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	351	1	SW846 8270C	02-Nov-07	07-Nov-07	7110120	M.B
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	351	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	351	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	351	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	351	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	351	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	351	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	351	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	351	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	351	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	351	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	351	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	351	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	351	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	351	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	351	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	351	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	351	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	351	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	351	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	351	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	351	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	351	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	351	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	351	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	351	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	351	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	351	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	351	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	351	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	351	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	351	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	351	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	351	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	351	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	351	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	351	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	351	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	351	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	351	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	351	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	351	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1400	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	351	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	351	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1400	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	351	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	351	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	351	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	351	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-10 (2-4) SA70198-07	12701187	Soil	23-Oct-07 22:11	26-Oct-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
85-01-8	Phenanthrene	BRL		µg/kg dry	351	1	SW846 8270C	02-Nov-07	07-Nov-07	7110120	M.B
108-95-2	Phenol	BRL		µg/kg dry	351	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	351	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	351	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	351	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	351	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	351	1	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	351	1	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	351	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*57*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*54*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*60*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*51*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*62*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*43*		*15-110 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	35.0	1	+CT ETPH	05-Nov-07	06-Nov-07	7110299	RLA
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	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	35.0	1	"	"	"	"	"
	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*	*69*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	3.88		mg/kg dry	1.70	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	6.81		mg/kg dry	1.70	1	"	"	"	"	"
7440-39-3	Barium	262		mg/kg dry	1.14	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.568	1	"	"	"	"	"
7440-47-3	Chromium	43.5		mg/kg dry	1.14	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0350	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	10.3		mg/kg dry	1.70	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.70	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	78.2		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-14 (2-4) SA70198-08	12701187	Soil	24-Oct-07 18:14	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	8.5	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
67-64-1	Acetone	BRL		µg/kg dry	84.9	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	17.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	84.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	42.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	17.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	17.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	17.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	17.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	84.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	84.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	84.9	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	8.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-14 (2-4) SA70198-08	12701187	Soil	24-Oct-07 18:14	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.5	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
100-42-5	Styrene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	17.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	84.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	84.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	170	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	42.5	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*109*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	324	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	324	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	324	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	324	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	324	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	324	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	324	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	324	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	324	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	324	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	324	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	324	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	324	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	324	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	324	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	324	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-14 (2-4) SA70198-08	12701187	Soil	24-Oct-07 18:14	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	324	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
117-81-7	Bis(2-ethylhexyl)phthalate	652		µg/kg dry	324	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	324	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	324	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	324	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	324	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	324	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	324	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	324	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	324	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	324	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	324	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	324	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	324	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	324	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	324	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	324	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	324	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	324	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	324	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	324	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	324	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	324	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	324	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	324	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	324	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	324	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	324	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	324	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	324	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	324	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	324	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	324	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	324	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	324	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	324	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	324	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	324	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	324	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	324	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	324	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	324	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1300	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	324	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	324	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1300	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	324	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	324	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	324	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	324	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-14 (2-4) SA70198-08	12701187	Soil	24-Oct-07 18:14	26-Oct-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
85-01-8	Phenanthrene	BRL		µg/kg dry	324	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
108-95-2	Phenol	BRL		µg/kg dry	324	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	324	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	324	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	324	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	324	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	324	1	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	324	1	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	324	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*55*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*56*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*50*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*57*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*49*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	37.5	1	SW846 8082	02-Nov-07	06-Nov-07	7110256	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	37.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	37.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	37.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	37.5	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	37.5	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	37.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	37.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	37.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	37.7	1	+CT ETPH	05-Nov-07	06-Nov-07	7110300	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	37.7	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	37.7	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	37.7	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	37.7	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	37.7	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	37.7	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	37.7	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	37.7	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	37.7	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*55*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	5.25		mg/kg dry	1.77	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	7.64		mg/kg dry	1.77	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-14 (2-4) SA70198-08	12701187	Soil	24-Oct-07 18:14	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	263		mg/kg dry	1.18	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	BRL		mg/kg dry	0.590	1	"	"	"	"	"
7440-47-3	Chromium	50.7		mg/kg dry	1.18	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0380	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	10.3		mg/kg dry	1.77	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.77	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	73.1		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 (2-4) SA70198-09	12701187	Soil	23-Oct-07 18:40	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	8.4	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
67-64-1	Acetone	BRL		µg/kg dry	83.8	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	16.8	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	83.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	12.5		µg/kg dry	8.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	41.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	16.8	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	16.8	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	16.8	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	16.8	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	83.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	83.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	83.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	8.4	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 (2-4) SA70198-09	12701187	Soil	23-Oct-07 18:40	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.4	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
100-42-5	Styrene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
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	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	16.8	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	83.8	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	83.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	168	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	41.9	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	35.8	1	+CT ETPH	05-Nov-07	06-Nov-07	7110299	RLA
68476-30-2	Fuel Oil #2	Calculated as		mg/kg dry	35.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	35.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	35.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	35.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	35.8	1	"	"	"	"	"
	Unidentified	61.9		mg/kg dry	35.8	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	35.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	61.9		mg/kg dry	35.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	61.9		mg/kg dry	35.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*85*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	4.34		mg/kg dry	1.70	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	7.56		mg/kg dry	1.70	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 (2-4)	12701187	Soil	23-Oct-07 18:40	26-Oct-07
SA70198-09				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	243		mg/kg dry	1.13	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	BRL		mg/kg dry	0.566	1	"	"	"	"	"
7440-47-3	Chromium	42.7		mg/kg dry	1.13	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0382	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	10.3		mg/kg dry	1.70	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.70	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	74.3		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-14 (6-8) SA70198-10	12701187	Soil	24-Oct-07 18:20	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	10.2	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
67-64-1	Acetone	BRL		µg/kg dry	102	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	10.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	10.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	10.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	10.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	20.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	102	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	51.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	10.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	20.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	10.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	20.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	20.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	10.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	10.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	10.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	20.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	10.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	10.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	10.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	10.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	10.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	102	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	10.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	102	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	102	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	10.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-14 (6-8) SA70198-10	12701187	Soil	24-Oct-07 18:20	26-Oct-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	10.2	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
100-42-5	Styrene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	10.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	10.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	10.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	10.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	10.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	10.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	10.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	20.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	10.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	102	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	10.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	10.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	10.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	10.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	102	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	205	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	51.2	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	39.4	1	+CT ETPH	05-Nov-07	06-Nov-07	7110300	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	39.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	39.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	39.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	39.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	39.4	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	39.4	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	39.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	39.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	39.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*67*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	3.96		mg/kg dry	2.13	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	7.45		mg/kg dry	2.13	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-14 (6-8) SA70198-10	12701187	Soil	24-Oct-07 18:20	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	297		mg/kg dry	1.42	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	BRL		mg/kg dry	0.711	1	"	"	"	"	"
7440-47-3	Chromium	51.4		mg/kg dry	1.42	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0435	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	12.4		mg/kg dry	2.13	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	2.13	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	68.7		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 (0-2) SA70198-11	12701187	Soil	23-Oct-07 18:40	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	6.3	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
67-64-1	Acetone	104	VOC6	µg/kg dry	63.4	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	63.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	63.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	63.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	63.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 (0-2) SA70198-11	12701187	Soil	23-Oct-07 18:40	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.3	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
100-42-5	Styrene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
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	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	63.4	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	63.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	127	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	31.7	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*107*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	297	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	297	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	297	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	297	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	297	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	297	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	297	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	297	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	297	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	297	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	297	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	297	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	297	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	297	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	297	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	297	1	"	"	"	"	"

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
RSB-4 (0-2) SA70198-11	12701187	Soil	23-Oct-07 18:40	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	297	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	297	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	297	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	297	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	297	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	297	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	297	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	297	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	297	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	297	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	297	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	297	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	297	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	297	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	297	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	297	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	297	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	297	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	297	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	297	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	297	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	297	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	297	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	297	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	297	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	297	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	297	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	297	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	297	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	297	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	297	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	297	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	297	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	297	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	297	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	297	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	297	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	297	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	297	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	297	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	297	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	297	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1190	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	297	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	297	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1190	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	297	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	297	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	297	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	297	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 (0-2) SA70198-11	12701187	Soil	23-Oct-07 18:40	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
85-01-8	Phenanthrene	BRL		µg/kg dry	297	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
108-95-2	Phenol	BRL		µg/kg dry	297	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	297	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	297	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	297	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	297	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	297	1	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	297	1	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	297	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*44*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*69*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*63*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*71*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*69*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	34.9	1	SW846 8082	02-Nov-07	06-Nov-07	7110198	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	34.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	34.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	34.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	34.9	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	34.9	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	34.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	34.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	34.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	34.0	1	+CT ETPH	05-Nov-07	06-Nov-07	7110299	RLA
68476-30-2	Fuel Oil #2	208		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	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	34.0	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	34.0	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	34.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	208		mg/kg dry	34.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	208		mg/kg dry	34.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*84*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	4.35		mg/kg dry	1.71	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	7.59		mg/kg dry	1.71	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 (0-2) SA70198-11	12701187	Soil	23-Oct-07 18:40	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	246		mg/kg dry	1.14	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	BRL		mg/kg dry	0.570	1	"	"	"	"	"
7440-47-3	Chromium	41.9		mg/kg dry	1.14	1	"	"	"	"	"
7439-97-6	Mercury	0.0391		mg/kg dry	0.0373	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	53.5		mg/kg dry	1.71	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.71	1	"	"	"	"	"
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	05-Dec-07	05-Dec-07	7120295	SFD
7440-39-3	Barium	0.933		mg/l	0.0100	1	SW846 1311/6010B	06-Dec-07	07-Dec-07	7120331	SA
7439-92-1	Lead	0.299		mg/l	0.0150	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	05-Dec-07	05-Dec-07	7120294	SFD
7440-39-3	Barium	0.0699		mg/l	0.0100	1	SW846 1312/6010B	06-Dec-07	07-Dec-07	7120352	SA
7439-92-1	Lead	0.0184		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	78.2		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-8 (0-4) SA70198-12	12701187	Soil	23-Oct-07 19:04	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	6.7	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
67-64-1	Acetone	BRL		µg/kg dry	67.1	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	67.1	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	33.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	67.1	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	67.1	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	67.1	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-8 (0-4) SA70198-12	12701187	Soil	23-Oct-07 19:04	26-Oct-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.7	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
100-42-5	Styrene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
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	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	67.1	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	67.1	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	134	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	33.6	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*107*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*126*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	286	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	286	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	286	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	286	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	286	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	286	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	286	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	286	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	286	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	286	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	286	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	286	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	286	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	286	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	286	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	286	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-8 (0-4) SA70198-12	12701187	Soil	23-Oct-07 19:04	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	286	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	286	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	286	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	286	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	286	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	286	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	286	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	286	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	286	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	286	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	286	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	286	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	286	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	286	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	286	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	286	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	286	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	286	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	286	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	286	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	286	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	286	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	286	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	286	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	286	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	286	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	286	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	286	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	286	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	286	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	286	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	286	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	286	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	286	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	286	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	286	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	286	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	286	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	286	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	286	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	286	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	286	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1140	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	286	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	286	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1140	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	286	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	286	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	286	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	286	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-8 (0-4) SA70198-12	12701187	Soil	23-Oct-07 19:04	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
85-01-8	Phenanthrene	BRL		µg/kg dry	286	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
108-95-2	Phenol	BRL		µg/kg dry	286	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	286	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	286	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	286	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	286	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	286	1	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	286	1	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	286	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*66*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*67*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*60*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*67*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*61*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	37.0	1	SW846 8082	02-Nov-07	07-Nov-07	7110198	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	37.0	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	37.0	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	37.0	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	37.0	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	37.0	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	37.0	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	37.0	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	37.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	34.5	1	+CT ETPH	05-Nov-07	06-Nov-07	7110299	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	34.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	34.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	34.5	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	34.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	34.5	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	34.5	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	34.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	34.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	34.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*80*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	3.69		mg/kg dry	1.88	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	6.55		mg/kg dry	1.88	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-8 (0-4) SA70198-12	12701187	Soil	23-Oct-07 19:04	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	243		mg/kg dry	1.26	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	BRL		mg/kg dry	0.628	1	"	"	"	"	"
7440-47-3	Chromium	43.8		mg/kg dry	1.26	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0369	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	10.4		mg/kg dry	1.88	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.88	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	75.5		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 (4-8) SA70198-13	12701187	Soil	23-Oct-07 18:45	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	7.2	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
67-64-1	Acetone	BRL		µg/kg dry	71.7	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	14.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	71.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	35.8	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	14.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	14.3	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.3	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.3	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	71.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	71.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	71.7	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.2	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 (4-8) SA70198-13	12701187	Soil	23-Oct-07 18:45	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.2	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
100-42-5	Styrene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
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	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	14.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	71.7	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	7.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	71.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	143	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	35.8	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*124*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	36.7	1	+CT ETPH	05-Nov-07	06-Nov-07	7110299	RLA
68476-30-2	Fuel Oil #2	Calculated as		mg/kg dry	36.7	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	36.7	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	36.7	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	36.7	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	36.7	1	"	"	"	"	"
	Unidentified	87.3		mg/kg dry	36.7	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	36.7	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	87.3		mg/kg dry	36.7	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	87.3		mg/kg dry	36.7	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*80*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	4.99		mg/kg dry	1.95	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	7.30		mg/kg dry	1.95	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 (4-8) SA70198-13	12701187	Soil	23-Oct-07 18:45	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	298		mg/kg dry	1.30	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	BRL		mg/kg dry	0.648	1	"	"	"	"	"
7440-47-3	Chromium	57.0		mg/kg dry	1.30	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0368	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	11.7		mg/kg dry	1.95	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.95	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	73.1		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-11 (0-2) SA70198-14	12701187	Soil	23-Oct-07 18:06	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	7.8	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
67-64-1	Acetone	BRL		µg/kg dry	78.4	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.8	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.8	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	78.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	39.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.8	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.8	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	78.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	78.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	78.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.8	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-11 (0-2) SA70198-14	12701187	Soil	23-Oct-07 18:06	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.8	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
100-42-5	Styrene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.8	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.8	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	78.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	78.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	157	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	39.2	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	33.5	1	+CT ETPH	05-Nov-07	06-Nov-07	7110299	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	33.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	33.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	33.5	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	33.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	33.5	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	33.5	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	33.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	33.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	33.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*85*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	3.33		mg/kg dry	1.87	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	6.45		mg/kg dry	1.87	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-11 (0-2) SA70198-14	12701187	Soil	23-Oct-07 18:06	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	220		mg/kg dry	1.25	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	BRL		mg/kg dry	0.623	1	"	"	"	"	"
7440-47-3	Chromium	37.1		mg/kg dry	1.25	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0340	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	10.2		mg/kg dry	1.87	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.87	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	79.8		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 (8-12) SA70198-15	12701187	Soil	23-Oct-07 18:50	26-Oct-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	7.6	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
67-64-1	Acetone	BRL		µg/kg dry	75.6	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.6	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.1	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	75.6	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	37.8	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.1	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.1	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.1	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	75.6	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	75.6	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	75.6	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.6	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 (8-12) SA70198-15	12701187	Soil	23-Oct-07 18:50	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.6	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
100-42-5	Styrene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.1	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	75.6	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	75.6	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	151	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	37.8	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*124*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	36.9	1	+CT ETPH	05-Nov-07	06-Nov-07	7110299	RLA
68476-30-2	Fuel Oil #2	Calculated as		mg/kg dry	36.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	36.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	36.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	36.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	36.9	1	"	"	"	"	"
	Unidentified	72.0		mg/kg dry	36.9	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	36.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	72.0		mg/kg dry	36.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	72.0		mg/kg dry	36.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*75*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	4.81		mg/kg dry	1.71	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	6.49		mg/kg dry	1.71	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 (8-12) SA70198-15	12701187	Soil	23-Oct-07 18:50	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	257		mg/kg dry	1.14	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	BRL		mg/kg dry	0.572	1	"	"	"	"	"
7440-47-3	Chromium	44.9		mg/kg dry	1.14	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0348	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	10.8		mg/kg dry	1.71	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.71	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	75.1		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-9 (0-2) SA70198-16	12701187	Soil	23-Oct-07 19:30	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	8.3	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
67-64-1	Acetone	BRL		µg/kg dry	82.8	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	16.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	82.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	41.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	16.6	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	16.6	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	16.6	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	16.6	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	82.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	82.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	82.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	8.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-9 (0-2) SA70198-16	12701187	Soil	23-Oct-07 19:30	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.3	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
100-42-5	Styrene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	16.6	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	82.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	82.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	166	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	41.4	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*107*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*124*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	267	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	267	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	267	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	267	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	267	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	267	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	267	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	267	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	267	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	267	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	267	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	267	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	267	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	267	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	267	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	267	1	"	"	"	"	"

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
RSB-9 (0-2) SA70198-16	12701187	Soil	23-Oct-07 19:30	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	267	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	267	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	267	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	267	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	267	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	267	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	267	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	267	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	267	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	267	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	267	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	267	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	267	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	267	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	267	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	267	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	267	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	267	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	267	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	267	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	267	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	267	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	267	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	267	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	267	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	267	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	267	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	267	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	267	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	267	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	267	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	267	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	267	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	267	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	267	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	267	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	267	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	267	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	267	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	267	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	267	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	267	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1070	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	267	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	267	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1070	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	267	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	267	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	267	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	267	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-9 (0-2) SA70198-16	12701187	Soil	23-Oct-07 19:30	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
85-01-8	Phenanthrene	BRL		µg/kg dry	267	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
108-95-2	Phenol	BRL		µg/kg dry	267	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	267	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	267	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	267	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	267	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	267	1	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	267	1	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	267	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*57*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*39*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*61*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*53*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*61*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*51*		*15-110 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	37.0	1	+CT ETPH	05-Nov-07	06-Nov-07	7110299	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	37.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	37.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	37.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	37.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	37.0	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	37.0	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	37.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	37.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	37.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*80*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	3.33		mg/kg dry	1.73	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	8.86		mg/kg dry	1.73	1	"	"	"	"	"
7440-39-3	Barium	288		mg/kg dry	1.15	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.576	1	"	"	"	"	"
7440-47-3	Chromium	38.3		mg/kg dry	1.15	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0366	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	14.6		mg/kg dry	1.73	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.73	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	74.8		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-7 (0-2) SA70198-17	12701187	Soil	23-Oct-07 19:54	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	7.7	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
67-64-1	Acetone	111	VOC6	µg/kg dry	77.3	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	77.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	38.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	77.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	77.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	77.3	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-7 (0-2) SA70198-17	12701187	Soil	23-Oct-07 19:54	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.7	1	SW 846 8260B	31-Oct-07	02-Nov-07	7110066	JRO
100-42-5	Styrene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
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	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	77.3	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	77.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	155	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	38.7	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*122*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	34.7	1	+CT ETPH	05-Nov-07	06-Nov-07	7110299	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	34.7	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	34.7	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	34.7	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	34.7	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	34.7	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	34.7	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	34.7	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	34.7	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	34.7	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*67*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	3.83		mg/kg dry	1.73	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	6.96		mg/kg dry	1.73	1	"	"	"	"	"

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
RSB-7 (0-2) SA70198-17	12701187	Soil	23-Oct-07 19:54	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	268		mg/kg dry	1.15	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	BRL		mg/kg dry	0.576	1	"	"	"	"	"
7440-47-3	Chromium	41.8		mg/kg dry	1.15	1	"	"	"	"	"
7439-97-6	Mercury	0.0500		mg/kg dry	0.0369	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	25.7		mg/kg dry	1.73	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.73	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	77.9		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-16 (0-2) SA70198-18	12701187	Soil	24-Oct-07 18:35	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	7.8	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
67-64-1	Acetone	149	VOC6	µg/kg dry	78.5	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.8	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.8	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	78.5	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	39.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.8	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.8	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	78.5	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	78.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	78.5	1	"	"	"	"	"
91-20-3	Naphthalene	8.6		µg/kg dry	7.8	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-16 (0-2) SA70198-18	12701187	Soil	24-Oct-07 18:35	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.8	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
100-42-5	Styrene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.8	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.8	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.7	1	"	"	"	"	"
95-47-6	o-Xylene	11.1		µg/kg dry	7.8	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	78.5	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	78.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	157	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	39.2	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*125*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	3030	10	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	3030	10	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	3030	10	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	3030	10	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	3030	10	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	3030	10	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	3030	10	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	3030	10	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	3030	10	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	3030	10	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	3030	10	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	3030	10	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	3030	10	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	3030	10	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	3030	10	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	3030	10	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-16 (0-2) SA70198-18	12701187	Soil	24-Oct-07 18:35	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3550B											
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	3030	10	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	3030	10	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	3030	10	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	3030	10	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	3030	10	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	3030	10	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	3030	10	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	3030	10	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	3030	10	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	3030	10	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	3030	10	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	3030	10	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	3030	10	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3030	10	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3030	10	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3030	10	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	3030	10	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	3030	10	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	3030	10	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	3030	10	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	3030	10	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	3030	10	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	3030	10	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	3030	10	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	3030	10	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	3030	10	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	3030	10	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	3030	10	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	3030	10	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	3030	10	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3030	10	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	3030	10	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	3030	10	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	3030	10	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	3030	10	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	3030	10	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	3030	10	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	3030	10	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	3030	10	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	3030	10	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	3030	10	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	3030	10	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	12100	10	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	3030	10	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	3030	10	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	12100	10	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	3030	10	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	3030	10	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	3030	10	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	3030	10	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-16 (0-2) SA70198-18	12701187	Soil	24-Oct-07 18:35	26-Oct-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3550B											
85-01-8	Phenanthrene	BRL		µg/kg dry	3030	10	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
108-95-2	Phenol	BRL		µg/kg dry	3030	10	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	3030	10	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	3030	10	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3030	10	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	3030	10	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	3030	10	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	3030	10	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	3030	10	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*55*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*60*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*52*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*64*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*49*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	33.8	1	SW846 8082	02-Nov-07	07-Nov-07	7110198	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	33.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	33.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	33.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	33.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	33.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	33.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	33.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	33.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	35.9	1	+CT ETPH	05-Nov-07	06-Nov-07	7110300	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	35.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	35.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	35.9	1	"	"	"	"	"
M09800000	Motor Oil	1,790		mg/kg dry	35.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	35.9	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	35.9	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	35.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	1,790		mg/kg dry	35.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	1,790		mg/kg dry	35.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*56*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	4.78		mg/kg dry	1.84	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	6.83		mg/kg dry	1.84	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-16 (0-2) SA70198-18	12701187	Soil	24-Oct-07 18:35	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	277		mg/kg dry	1.23	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	0.791		mg/kg dry	0.613	1	"	"	"	"	"
7440-47-3	Chromium	46.0		mg/kg dry	1.23	1	"	"	"	"	"
7439-97-6	Mercury	0.0696		mg/kg dry	0.0384	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	50.0		mg/kg dry	1.84	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.84	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	75.9		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-6 (2-4) SA70198-19	12701187	Soil	23-Oct-07 20:15	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	9.7	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
67-64-1	Acetone	BRL		µg/kg dry	96.5	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	9.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	9.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	19.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	96.5	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	48.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	9.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	19.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	9.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	19.3	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	19.3	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	9.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	19.3	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	96.5	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	9.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	96.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	96.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	9.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-6 (2-4) SA70198-19	12701187	Soil	23-Oct-07 20:15	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	9.7	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
100-42-5	Styrene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	9.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	9.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	9.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	19.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	9.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	96.5	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	9.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	9.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	9.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	9.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	96.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	193	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	48.3	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	38.8	1	+CT ETPH	05-Nov-07	06-Nov-07	7110299	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	38.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	38.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	38.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	38.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	38.8	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	38.8	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	38.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	38.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	38.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*75*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	3.87		mg/kg dry	1.98	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	7.82		mg/kg dry	1.98	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-6 (2-4) SA70198-19	12701187	Soil	23-Oct-07 20:15	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	255		mg/kg dry	1.32	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	BRL		mg/kg dry	0.658	1	"	"	"	"	"
7440-47-3	Chromium	46.4		mg/kg dry	1.32	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0422	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	11.6		mg/kg dry	1.98	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.98	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	69.5		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-15 (2-4)	12701187	Soil	24-Oct-07 19:20	26-Oct-07
SA70198-20				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	9.5	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
67-64-1	Acetone	BRL		µg/kg dry	95.2	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	9.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	9.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	9.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	9.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	19.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	95.2	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	47.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	9.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	19.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	9.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	19.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	19.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	9.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	9.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	9.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	19.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	9.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	9.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	9.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	9.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	9.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	95.2	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	128		µg/kg dry	9.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	95.2	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	95.2	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	9.5	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-15 (2-4) SA70198-20	12701187	Soil	24-Oct-07 19:20	26-Oct-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	9.5	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
100-42-5	Styrene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	9.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	9.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	9.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	9.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	9.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	9.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	9.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	19.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	9.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	95.2	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	9.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	21.5		µg/kg dry	9.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	9.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	9.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	95.2	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	190	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	47.6	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	36.8	1	+CT ETPH	05-Nov-07	06-Nov-07	7110300	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	36.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	36.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	36.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	36.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	36.8	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	36.8	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	36.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	36.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	36.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*67*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	4.40		mg/kg dry	1.79	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-38-2	Arsenic	7.48		mg/kg dry	1.79	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-15 (2-4) SA70198-20	12701187	Soil	24-Oct-07 19:20	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	274		mg/kg dry	1.20	1	SW846 6010B	05-Nov-07	09-Nov-07	7110346	SA
7440-43-9	Cadmium	BRL		mg/kg dry	0.598	1	"	"	"	"	"
7440-47-3	Chromium	48.0		mg/kg dry	1.20	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0391	1	SW846 7471A	"	07-Nov-07	7110348	CRM
7439-92-1	Lead	10.8		mg/kg dry	1.79	1	SW846 6010B	"	09-Nov-07	7110346	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.79	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	71.2		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110229	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-13 (0-2) SA70198-21	12701187	Soil	24-Oct-07 19:55	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	8.8	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
67-64-1	Acetone	BRL		µg/kg dry	87.7	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.8	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.8	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	17.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	87.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	43.8	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	17.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.8	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	17.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	17.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.8	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	17.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	87.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	190		µg/kg dry	8.8	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	87.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	87.7	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	8.8	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-13 (0-2) SA70198-21	12701187	Soil	24-Oct-07 19:55	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.8	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
100-42-5	Styrene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.8	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.8	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	17.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	87.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.8	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	23.4		µg/kg dry	8.8	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	87.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	175	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	43.8	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	280	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	280	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	280	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	280	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	280	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	280	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	280	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	280	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	280	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	280	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	280	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	280	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	280	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	280	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	280	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	280	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-13 (0-2) SA70198-21	12701187	Soil	24-Oct-07 19:55	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	280	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	280	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	280	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	280	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	280	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	280	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	280	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	280	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	280	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	280	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	280	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	280	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	280	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	280	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	280	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	280	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	280	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	280	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	280	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	280	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	280	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	280	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	280	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	280	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	280	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	280	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	280	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	280	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	280	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	280	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	280	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	280	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	280	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	280	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	280	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	280	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	280	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	280	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	280	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	280	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	280	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	280	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1120	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	280	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	280	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1120	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	280	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	280	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	280	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	280	1	"	"	"	"	"

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
RSB-13 (0-2) SA70198-21	12701187	Soil	24-Oct-07 19:55	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
85-01-8	Phenanthrene	BRL		µg/kg dry	280	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
108-95-2	Phenol	BRL		µg/kg dry	280	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	280	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	280	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	280	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	280	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	280	1	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	280	1	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	280	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*56*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*59*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*60*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*54*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*59*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*52*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	39.9	1	SW846 8082	02-Nov-07	07-Nov-07	7110198	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	39.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	39.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	39.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	39.9	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	39.9	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	39.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	39.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	39.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	39.5	1	+CT ETPH	05-Nov-07	06-Nov-07	7110300	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	39.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	39.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	39.5	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	39.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	39.5	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	39.5	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	39.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	39.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	39.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*61*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	3.12		mg/kg dry	2.13	1	SW846 6010B	05-Nov-07	06-Nov-07	7110356	SA
7440-38-2	Arsenic	4.14		mg/kg dry	2.13	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-13 (0-2) SA70198-21	12701187	Soil	24-Oct-07 19:55	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	286		mg/kg dry	1.42	1	SW846 6010B	05-Nov-07	06-Nov-07	7110356	SA
7440-43-9	Cadmium	0.802		mg/kg dry	0.709	1	"	"	"	"	"
7440-47-3	Chromium	49.1		mg/kg dry	1.42	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0416	1	SW846 7471A	"	07-Nov-07	7110357	CRM
7439-92-1	Lead	14.1		mg/kg dry	2.13	1	SW846 6010B	"	06-Nov-07	7110356	SA
7782-49-2	Selenium	BRL		mg/kg dry	2.13	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	69.4		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110226	DBM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-12 (4-8) SA70198-22	12701187	Soil	24-Oct-07 18:55	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	29-Oct-07	29-Oct-07	7102213	DG
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	8.0	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
67-64-1	Acetone	BRL		µg/kg dry	80.4	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	16.1	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	80.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	40.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	16.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	16.1	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	16.1	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	16.1	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	80.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	80.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	80.4	1	"	"	"	"	"
91-20-3	Naphthalene	12.3		µg/kg dry	8.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-12 (4-8) SA70198-22	12701187	Soil	24-Oct-07 18:55	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.0	1	SW 846 8260B	02-Nov-07	03-Nov-07	7110227	JRO
100-42-5	Styrene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	16.1	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	80.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	80.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	161	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	40.2	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	302	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	302	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	302	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	302	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	302	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	302	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	302	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	302	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	302	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	302	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	302	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	302	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	302	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	302	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	302	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	302	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-12 (4-8) SA70198-22	12701187	Soil	24-Oct-07 18:55	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	302	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	302	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	302	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	302	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	302	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	302	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	302	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	302	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	302	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	302	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	302	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	302	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	302	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	302	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	302	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	302	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	302	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	302	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	302	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	302	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	302	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	302	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	302	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	302	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	302	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	302	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	302	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	302	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	302	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	302	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	302	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	302	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	302	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	302	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	302	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	302	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	302	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	302	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	302	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	302	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	302	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	302	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1210	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	302	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	302	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1210	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	302	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	302	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	302	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	302	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-12 (4-8) SA70198-22	12701187	Soil	24-Oct-07 18:55	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
85-01-8	Phenanthrene	BRL		µg/kg dry	302	1	SW846 8270C	02-Nov-07	07-Nov-07	7110195	M.B
108-95-2	Phenol	BRL		µg/kg dry	302	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	302	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	302	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	302	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	302	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	302	1	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	302	1	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	302	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*31*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*21*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*31*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*28*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*32*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*22*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	36.0	1	SW846 8082	02-Nov-07	07-Nov-07	7110198	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	36.0	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	36.0	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	36.0	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	36.0	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	36.0	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	36.0	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	36.0	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	36.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	34.7	1	+CT ETPH	05-Nov-07	06-Nov-07	7110300	RLA
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	34.7	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	34.7	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	34.7	1	"	"	"	"	"
M09800000	Motor Oil	447		mg/kg dry	34.7	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	34.7	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	34.7	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	34.7	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	621		mg/kg dry	34.7	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	447		mg/kg dry	34.7	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*64*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	2.15		mg/kg dry	1.83	1	SW846 6010B	05-Nov-07	06-Nov-07	7110356	SA
7440-38-2	Arsenic	3.58		mg/kg dry	1.83	1	"	"	"	"	"

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
RSB-12 (4-8) SA70198-22	12701187	Soil	24-Oct-07 18:55	26-Oct-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	253		mg/kg dry	1.22	1	SW846 6010B	05-Nov-07	06-Nov-07	7110356	SA
7440-43-9	Cadmium	0.654		mg/kg dry	0.612	1	"	"	"	"	"
7440-47-3	Chromium	29.5		mg/kg dry	1.22	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0342	1	SW846 7471A	"	07-Nov-07	7110357	CRM
7439-92-1	Lead	40.9		mg/kg dry	1.83	1	SW846 6010B	"	06-Nov-07	7110356	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.83	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	77.2		%		1	SM2540 G Mod.	02-Nov-07	02-Nov-07	7110226	DBM

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110066 - SW846 5035A Soil (low level)										
Blank (7110066-BLK1)										
Prepared & Analyzed: 01-Nov-07										
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	25.0						
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	50.0						
Naphthalene	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 7110066 - SW846 5035A Soil (low level)										
Blank (7110066-BLK1)										
Prepared & Analyzed: 01-Nov-07										
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						
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						
1,1,1-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	50.0						
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						
Surrogate: 4-Bromofluorobenzene	*52.7*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*55.4*		µg/kg wet		*50.0*		*111*	*70-130*		
Surrogate: Dibromofluoromethane	*51.9*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS (7110066-BS1)										
Prepared & Analyzed: 01-Nov-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.5		µg/kg wet		20.0		103	70-130		
Acetone	19.5		µg/kg wet		20.0		98	0-177		
Acrylonitrile	20.4		µg/kg wet		20.0		102	70-130		
Benzene	20.2		µg/kg wet		20.0		101	70-130		
Bromobenzene	23.6		µg/kg wet		20.0		118	70-130		
Bromochloromethane	21.2		µg/kg wet		20.0		106	70-130		
Bromodichloromethane	19.8		µg/kg wet		20.0		99	70-130		
Bromoform	23.4		µg/kg wet		20.0		117	70-130		
Bromomethane	18.7		µg/kg wet		20.0		93	61.3-136		
2-Butanone (MEK)	20.5		µg/kg wet		20.0		102	20.6-137		
n-Butylbenzene	21.9		µg/kg wet		20.0		109	70-130		
sec-Butylbenzene	22.6		µg/kg wet		20.0		113	70-130		
tert-Butylbenzene	22.8		µg/kg wet		20.0		114	70-130		
Carbon disulfide	19.0		µg/kg wet		20.0		95	70-130		
Carbon tetrachloride	19.6		µg/kg wet		20.0		98	70-130		
Chlorobenzene	22.4		µg/kg wet		20.0		112	70-130		
Chloroethane	19.7		µg/kg wet		20.0		98	64.6-134		
Chloroform	20.0		µg/kg wet		20.0		100	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110066 - SW846 5035A Soil (low level)										
LCS (7110066-BS1)										
Prepared & Analyzed: 01-Nov-07										
Chloromethane	19.6		µg/kg wet		20.0		98	70-130		
2-Chlorotoluene	22.4		µg/kg wet		20.0		112	70-130		
4-Chlorotoluene	22.4		µg/kg wet		20.0		112	70-130		
1,2-Dibromo-3-chloropropane	19.5		µg/kg wet		20.0		98	70-130		
Dibromochloromethane	21.0		µg/kg wet		20.0		105	70-137		
1,2-Dibromoethane (EDB)	22.0		µg/kg wet		20.0		110	70-130		
Dibromomethane	20.9		µg/kg wet		20.0		104	70-130		
1,2-Dichlorobenzene	22.6		µg/kg wet		20.0		113	70-130		
1,3-Dichlorobenzene	24.5		µg/kg wet		20.0		122	70-130		
1,4-Dichlorobenzene	22.0		µg/kg wet		20.0		110	70-130		
Dichlorodifluoromethane (Freon12)	21.7		µg/kg wet		20.0		109	29.9-190		
1,1-Dichloroethane	19.9		µg/kg wet		20.0		99	70-130		
1,2-Dichloroethane	19.0		µg/kg wet		20.0		95	70-130		
1,1-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130		
cis-1,2-Dichloroethene	21.0		µg/kg wet		20.0		105	70-130		
trans-1,2-Dichloroethene	20.9		µg/kg wet		20.0		105	70-130		
1,2-Dichloropropane	18.9		µg/kg wet		20.0		95	70-130		
1,3-Dichloropropane	20.3		µg/kg wet		20.0		102	70-130		
2,2-Dichloropropane	18.9		µg/kg wet		20.0		95	70-130		
1,1-Dichloropropene	19.9		µg/kg wet		20.0		100	70-130		
cis-1,3-Dichloropropene	20.2		µg/kg wet		20.0		101	70-130		
trans-1,3-Dichloropropene	20.5		µg/kg wet		20.0		103	70-130		
Ethylbenzene	21.7		µg/kg wet		20.0		108	70-130		
Hexachlorobutadiene	22.0		µg/kg wet		20.0		110	60.6-135		
2-Hexanone (MBK)	22.2		µg/kg wet		20.0		111	70-130		
Isopropylbenzene	21.2		µg/kg wet		20.0		106	70-130		
4-Isopropyltoluene	22.2		µg/kg wet		20.0		111	70-130		
Methyl tert-butyl ether	20.9		µg/kg wet		20.0		105	70-130		
4-Methyl-2-pentanone (MIBK)	23.0		µg/kg wet		20.0		115	46-139		
Methylene chloride	18.7		µg/kg wet		20.0		94	70-130		
Naphthalene	21.3		µg/kg wet		20.0		107	70-130		
n-Propylbenzene	21.8		µg/kg wet		20.0		109	70-130		
Styrene	22.4		µg/kg wet		20.0		112	70-130		
1,1,1,2-Tetrachloroethane	21.7		µg/kg wet		20.0		108	70-130		
1,1,2,2-Tetrachloroethane	22.0		µg/kg wet		20.0		110	70-130		
Tetrachloroethene	22.3		µg/kg wet		20.0		111	70-130		
Toluene	20.3		µg/kg wet		20.0		101	70-130		
1,2,3-Trichlorobenzene	23.3		µg/kg wet		20.0		116	70-130		
1,2,4-Trichlorobenzene	23.2		µg/kg wet		20.0		116	70-130		
1,1,1-Trichloroethane	19.5		µg/kg wet		20.0		97	70-130		
1,1,2-Trichloroethane	20.6		µg/kg wet		20.0		103	70-130		
Trichloroethene	20.4		µg/kg wet		20.0		102	70-130		
Trichlorofluoromethane (Freon 11)	19.4		µg/kg wet		20.0		97	56.6-150		
1,2,3-Trichloropropane	24.8		µg/kg wet		20.0		124	70-130		
1,2,4-Trimethylbenzene	22.8		µg/kg wet		20.0		114	70-130		
1,3,5-Trimethylbenzene	22.6		µg/kg wet		20.0		113	70-130		
Vinyl chloride	20.3		µg/kg wet		20.0		101	70-130		
m,p-Xylene	45.0		µg/kg wet		40.0		112	70-130		
o-Xylene	23.6		µg/kg wet		20.0		118	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110066 - SW846 5035A Soil (low level)										
LCS (7110066-BS1)										
Prepared & Analyzed: 01-Nov-07										
Tetrahydrofuran	21.3		µg/kg wet		20.0		106	70-130		
Ethyl ether	20.9		µg/kg wet		20.0		105	64.1-136		
Tert-amyl methyl ether	20.1		µg/kg wet		20.0		100	70-130		
Ethyl tert-butyl ether	21.1		µg/kg wet		20.0		105	70-130		
Di-isopropyl ether	19.3		µg/kg wet		20.0		97	70-130		
Tert-Butanol / butyl alcohol	221		µg/kg wet		200		110	70-130		
1,4-Dioxane	252		µg/kg wet		200		126	34.8-156		
trans-1,4-Dichloro-2-butene	20.5		µg/kg wet		20.0		103	70-130		
Surrogate: 4-Bromofluorobenzene	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*49.0*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.2*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
LCS Dup (7110066-BSD1)										
Prepared: 01-Nov-07 Analyzed: 02-Nov-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.5		µg/kg wet		20.0		128	70-130	22	25
Acetone	17.7		µg/kg wet		20.0		88	0-177	10	50
Acrylonitrile	18.4		µg/kg wet		20.0		92	70-130	10	25
Benzene	20.6		µg/kg wet		20.0		103	70-130	2	25
Bromobenzene	23.9		µg/kg wet		20.0		119	70-130	1	25
Bromochloromethane	20.9		µg/kg wet		20.0		104	70-130	1	25
Bromodichloromethane	19.8		µg/kg wet		20.0		99	70-130	0.2	25
Bromoform	22.5		µg/kg wet		20.0		113	70-130	4	25
Bromomethane	18.9		µg/kg wet		20.0		95	61.3-136	1	50
2-Butanone (MEK)	19.5		µg/kg wet		20.0		98	20.6-137	5	50
n-Butylbenzene	25.4		µg/kg wet		20.0		127	70-130	15	25
sec-Butylbenzene	25.1		µg/kg wet		20.0		125	70-130	10	25
tert-Butylbenzene	23.9		µg/kg wet		20.0		120	70-130	5	25
Carbon disulfide	20.8		µg/kg wet		20.0		104	70-130	9	25
Carbon tetrachloride	21.3		µg/kg wet		20.0		107	70-130	9	25
Chlorobenzene	22.8		µg/kg wet		20.0		114	70-130	2	25
Chloroethane	20.5		µg/kg wet		20.0		102	64.6-134	4	50
Chloroform	20.5		µg/kg wet		20.0		102	70-130	2	25
Chloromethane	20.5		µg/kg wet		20.0		102	70-130	5	25
2-Chlorotoluene	23.3		µg/kg wet		20.0		117	70-130	4	25
4-Chlorotoluene	23.6		µg/kg wet		20.0		118	70-130	5	25
1,2-Dibromo-3-chloropropane	18.0		µg/kg wet		20.0		90	70-130	8	25
Dibromochloromethane	21.0		µg/kg wet		20.0		105	70-137	0.2	50
1,2-Dibromoethane (EDB)	20.9		µg/kg wet		20.0		104	70-130	5	25
Dibromomethane	20.0		µg/kg wet		20.0		100	70-130	4	25
1,2-Dichlorobenzene	22.5		µg/kg wet		20.0		113	70-130	0.3	25
1,3-Dichlorobenzene	25.3		µg/kg wet		20.0		127	70-130	4	25
1,4-Dichlorobenzene	22.8		µg/kg wet		20.0		114	70-130	4	25
Dichlorodifluoromethane (Freon12)	26.5		µg/kg wet		20.0		133	29.9-190	20	50
1,1-Dichloroethane	20.2		µg/kg wet		20.0		101	70-130	2	25
1,2-Dichloroethane	18.0		µg/kg wet		20.0		90	70-130	6	25
1,1-Dichloroethene	22.8		µg/kg wet		20.0		114	70-130	9	25
cis-1,2-Dichloroethene	21.5		µg/kg wet		20.0		107	70-130	2	25
trans-1,2-Dichloroethene	22.3		µg/kg wet		20.0		111	70-130	6	25
1,2-Dichloropropane	19.2		µg/kg wet		20.0		96	70-130	1	25
1,3-Dichloropropane	19.5		µg/kg wet		20.0		98	70-130	4	25

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* Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110066 - SW846 5035A Soil (low level)										
LCS Dup (7110066-BSD1)										
Prepared: 01-Nov-07 Analyzed: 02-Nov-07										
2,2-Dichloropropane	21.4		µg/kg wet		20.0		107	70-130	12	25
1,1-Dichloropropene	21.4		µg/kg wet		20.0		107	70-130	7	25
cis-1,3-Dichloropropene	20.1		µg/kg wet		20.0		100	70-130	0.3	25
trans-1,3-Dichloropropene	20.6		µg/kg wet		20.0		103	70-130	0.4	25
Ethylbenzene	22.7		µg/kg wet		20.0		114	70-130	5	25
Hexachlorobutadiene	25.6		µg/kg wet		20.0		128	60.6-135	15	50
2-Hexanone (MBK)	19.8		µg/kg wet		20.0		99	70-130	11	25
Isopropylbenzene	22.8		µg/kg wet		20.0		114	70-130	7	25
4-Isopropyltoluene	24.5		µg/kg wet		20.0		123	70-130	10	25
Methyl tert-butyl ether	20.5		µg/kg wet		20.0		102	70-130	2	25
4-Methyl-2-pentanone (MIBK)	21.3		µg/kg wet		20.0		107	46-139	7	50
Methylene chloride	18.8		µg/kg wet		20.0		94	70-130	0.2	25
Naphthalene	19.4		µg/kg wet		20.0		97	70-130	9	25
n-Propylbenzene	24.0		µg/kg wet		20.0		120	70-130	10	25
Styrene	23.1		µg/kg wet		20.0		115	70-130	3	25
1,1,1,2-Tetrachloroethane	21.6		µg/kg wet		20.0		108	70-130	0.09	25
1,1,2,2-Tetrachloroethane	20.4		µg/kg wet		20.0		102	70-130	7	25
Tetrachloroethene	25.0		µg/kg wet		20.0		125	70-130	12	25
Toluene	20.9		µg/kg wet		20.0		104	70-130	3	25
1,2,3-Trichlorobenzene	22.5		µg/kg wet		20.0		112	70-130	3	25
1,2,4-Trichlorobenzene	23.8		µg/kg wet		20.0		119	70-130	3	25
1,1,1-Trichloroethane	20.7		µg/kg wet		20.0		104	70-130	6	25
1,1,2-Trichloroethane	19.9		µg/kg wet		20.0		100	70-130	3	25
Trichloroethene	21.6		µg/kg wet		20.0		108	70-130	6	25
Trichlorofluoromethane (Freon 11)	22.0		µg/kg wet		20.0		110	56.6-150	12	50
1,2,3-Trichloropropane	23.7		µg/kg wet		20.0		118	70-130	5	25
1,2,4-Trimethylbenzene	24.2		µg/kg wet		20.0		121	70-130	6	25
1,3,5-Trimethylbenzene	23.9		µg/kg wet		20.0		120	70-130	6	25
Vinyl chloride	22.6		µg/kg wet		20.0		113	70-130	11	25
m,p-Xylene	47.5		µg/kg wet		40.0		119	70-130	6	25
o-Xylene	24.2		µg/kg wet		20.0		121	70-130	3	25
Tetrahydrofuran	19.0		µg/kg wet		20.0		95	70-130	11	25
Ethyl ether	21.0		µg/kg wet		20.0		105	64.1-136	0.2	50
Tert-amyl methyl ether	18.2		µg/kg wet		20.0		91	70-130	10	25
Ethyl tert-butyl ether	20.7		µg/kg wet		20.0		104	70-130	2	25
Di-isopropyl ether	19.0		µg/kg wet		20.0		95	70-130	2	25
Tert-Butanol / butyl alcohol	200		µg/kg wet		200		100	70-130	10	25
1,4-Dioxane	238		µg/kg wet		200		119	34.8-156	6	25
trans-1,4-Dichloro-2-butene	20.6		µg/kg wet		20.0		103	70-130	0.4	25
Surrogate: 4-Bromofluorobenzene	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*49.2*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.6*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
Batch 7110227 - SW846 5035A Soil (low level)										
Blank (7110227-BLK1)										
Prepared: 02-Nov-07 Analyzed: 03-Nov-07										
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110227 - SW846 5035A Soil (low level)										
Blank (7110227-BLK1)										
Prepared: 02-Nov-07 Analyzed: 03-Nov-07										
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	25.0						
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	50.0						
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110227 - SW846 5035A Soil (low level)										
Blank (7110227-BLK1)										
Prepared: 02-Nov-07 Analyzed: 03-Nov-07										
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						
1,1,1-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	50.0						
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						
Surrogate: 4-Bromofluorobenzene	*52.8*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*49.5*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*55.5*		µg/kg wet		*50.0*		*111*	*70-130*		
Surrogate: Dibromofluoromethane	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
LCS (7110227-BS1)										
Prepared: 02-Nov-07 Analyzed: 03-Nov-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.9		µg/kg wet		20.0		110	70-130		
Acetone	16.4		µg/kg wet		20.0		82	0-177		
Acrylonitrile	17.6		µg/kg wet		20.0		88	70-130		
Benzene	19.4		µg/kg wet		20.0		97	70-130		
Bromobenzene	24.4		µg/kg wet		20.0		122	70-130		
Bromochloromethane	20.7		µg/kg wet		20.0		103	70-130		
Bromodichloromethane	18.6		µg/kg wet		20.0		93	70-130		
Bromoform	24.1		µg/kg wet		20.0		120	70-130		
Bromomethane	17.7		µg/kg wet		20.0		88	61.3-136		
2-Butanone (MEK)	18.0		µg/kg wet		20.0		90	20.6-137		
n-Butylbenzene	19.2		µg/kg wet		20.0		96	70-130		
sec-Butylbenzene	23.0		µg/kg wet		20.0		115	70-130		
tert-Butylbenzene	23.3		µg/kg wet		20.0		117	70-130		
Carbon disulfide	18.7		µg/kg wet		20.0		94	70-130		
Carbon tetrachloride	20.0		µg/kg wet		20.0		100	70-130		
Chlorobenzene	22.2		µg/kg wet		20.0		111	70-130		
Chloroethane	17.5		µg/kg wet		20.0		88	64.6-134		
Chloroform	19.0		µg/kg wet		20.0		95	70-130		
Chloromethane	16.7		µg/kg wet		20.0		84	70-130		
2-Chlorotoluene	21.6		µg/kg wet		20.0		108	70-130		
4-Chlorotoluene	21.4		µg/kg wet		20.0		107	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110227 - SW846 5035A Soil (low level)										
LCS (7110227-BS1)										
Prepared: 02-Nov-07 Analyzed: 03-Nov-07										
1,2-Dibromo-3-chloropropane	16.0		µg/kg wet		20.0		80	70-130		
Dibromochloromethane	20.1		µg/kg wet		20.0		101	70-137		
1,2-Dibromoethane (EDB)	20.7		µg/kg wet		20.0		103	70-130		
Dibromomethane	19.2		µg/kg wet		20.0		96	70-130		
1,2-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
1,3-Dichlorobenzene	24.4		µg/kg wet		20.0		122	70-130		
1,4-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
Dichlorodifluoromethane (Freon12)	22.0		µg/kg wet		20.0		110	29.9-190		
1,1-Dichloroethane	18.0		µg/kg wet		20.0		90	70-130		
1,2-Dichloroethane	16.9		µg/kg wet		20.0		85	70-130		
1,1-Dichloroethene	21.3		µg/kg wet		20.0		106	70-130		
cis-1,2-Dichloroethene	20.6		µg/kg wet		20.0		103	70-130		
trans-1,2-Dichloroethene	20.9		µg/kg wet		20.0		104	70-130		
1,2-Dichloropropane	17.3		µg/kg wet		20.0		87	70-130		
1,3-Dichloropropane	18.4		µg/kg wet		20.0		92	70-130		
2,2-Dichloropropane	16.3		µg/kg wet		20.0		82	70-130		
1,1-Dichloropropene	19.5		µg/kg wet		20.0		97	70-130		
cis-1,3-Dichloropropene	17.7		µg/kg wet		20.0		88	70-130		
trans-1,3-Dichloropropene	18.0		µg/kg wet		20.0		90	70-130		
Ethylbenzene	21.2		µg/kg wet		20.0		106	70-130		
Hexachlorobutadiene	21.6		µg/kg wet		20.0		108	60.6-135		
2-Hexanone (MBK)	17.7		µg/kg wet		20.0		88	70-130		
Isopropylbenzene	21.3		µg/kg wet		20.0		106	70-130		
4-Isopropyltoluene	20.9		µg/kg wet		20.0		105	70-130		
Methyl tert-butyl ether	19.1		µg/kg wet		20.0		95	70-130		
4-Methyl-2-pentanone (MIBK)	22.1		µg/kg wet		20.0		111	46-139		
Methylene chloride	17.8		µg/kg wet		20.0		89	70-130		
Naphthalene	19.8		µg/kg wet		20.0		99	70-130		
n-Propylbenzene	21.4		µg/kg wet		20.0		107	70-130		
Styrene	22.2		µg/kg wet		20.0		111	70-130		
1,1,1,2-Tetrachloroethane	21.6		µg/kg wet		20.0		108	70-130		
1,1,2,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130		
Tetrachloroethene	23.2		µg/kg wet		20.0		116	70-130		
Toluene	19.8		µg/kg wet		20.0		99	70-130		
1,2,3-Trichlorobenzene	21.7		µg/kg wet		20.0		109	70-130		
1,2,4-Trichlorobenzene	21.3		µg/kg wet		20.0		107	70-130		
1,1,1-Trichloroethane	19.3		µg/kg wet		20.0		97	70-130		
1,1,2-Trichloroethane	19.3		µg/kg wet		20.0		97	70-130		
Trichloroethene	19.8		µg/kg wet		20.0		99	70-130		
Trichlorofluoromethane (Freon 11)	18.8		µg/kg wet		20.0		94	56.6-150		
1,2,3-Trichloropropane	22.7		µg/kg wet		20.0		114	70-130		
1,2,4-Trimethylbenzene	22.4		µg/kg wet		20.0		112	70-130		
1,3,5-Trimethylbenzene	22.3		µg/kg wet		20.0		112	70-130		
Vinyl chloride	18.6		µg/kg wet		20.0		93	70-130		
m,p-Xylene	44.7		µg/kg wet		40.0		112	70-130		
o-Xylene	23.3		µg/kg wet		20.0		117	70-130		
Tetrahydrofuran	17.7		µg/kg wet		20.0		89	70-130		
Ethyl ether	18.9		µg/kg wet		20.0		95	64.1-136		
Tert-amyl methyl ether	16.2		µg/kg wet		20.0		81	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110227 - SW846 5035A Soil (low level)										
LCS (7110227-BS1)										
Prepared: 02-Nov-07 Analyzed: 03-Nov-07										
Ethyl tert-butyl ether	18.9		µg/kg wet		20.0		95	70-130		
Di-isopropyl ether	17.1		µg/kg wet		20.0		85	70-130		
Tert-Butanol / butyl alcohol	195		µg/kg wet		200		98	70-130		
1,4-Dioxane	248		µg/kg wet		200		124	34.8-156		
trans-1,4-Dichloro-2-butene	16.9		µg/kg wet		20.0		84	70-130		
Surrogate: 4-Bromofluorobenzene	*52.0*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*49.7*		µg/kg wet		*50.0*		*99*	*70-130*		
LCS Dup (7110227-BSD1)										
Prepared: 02-Nov-07 Analyzed: 03-Nov-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.9		µg/kg wet		20.0		109	70-130	0.1	25
Acetone	16.4		µg/kg wet		20.0		82	0-177	0.6	50
Acrylonitrile	19.1		µg/kg wet		20.0		95	70-130	8	25
Benzene	19.3		µg/kg wet		20.0		96	70-130	0.9	25
Bromobenzene	24.4		µg/kg wet		20.0		122	70-130	0.1	25
Bromochloromethane	20.7		µg/kg wet		20.0		103	70-130	0.05	25
Bromodichloromethane	18.8		µg/kg wet		20.0		94	70-130	1	25
Bromoform	25.2		µg/kg wet		20.0		126	70-130	5	25
Bromomethane	17.1		µg/kg wet		20.0		86	61.3-136	3	50
2-Butanone (MEK)	18.1		µg/kg wet		20.0		90	20.6-137	0.3	50
n-Butylbenzene	18.3		µg/kg wet		20.0		92	70-130	5	25
sec-Butylbenzene	22.5		µg/kg wet		20.0		113	70-130	2	25
tert-Butylbenzene	23.2		µg/kg wet		20.0		116	70-130	0.6	25
Carbon disulfide	18.5		µg/kg wet		20.0		92	70-130	1	25
Carbon tetrachloride	19.4		µg/kg wet		20.0		97	70-130	3	25
Chlorobenzene	22.2		µg/kg wet		20.0		111	70-130	0.05	25
Chloroethane	17.1		µg/kg wet		20.0		86	64.6-134	2	50
Chloroform	18.6		µg/kg wet		20.0		93	70-130	2	25
Chloromethane	16.6		µg/kg wet		20.0		83	70-130	1	25
2-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130	2	25
4-Chlorotoluene	20.8		µg/kg wet		20.0		104	70-130	3	25
1,2-Dibromo-3-chloropropane	17.5		µg/kg wet		20.0		88	70-130	9	25
Dibromochloromethane	20.8		µg/kg wet		20.0		104	70-137	3	50
1,2-Dibromoethane (EDB)	21.7		µg/kg wet		20.0		109	70-130	5	25
Dibromomethane	20.2		µg/kg wet		20.0		101	70-130	5	25
1,2-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130	3	25
1,3-Dichlorobenzene	24.1		µg/kg wet		20.0		121	70-130	0.9	25
1,4-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	3	25
Dichlorodifluoromethane (Freon12)	21.9		µg/kg wet		20.0		109	29.9-190	0.8	50
1,1-Dichloroethane	18.1		µg/kg wet		20.0		90	70-130	0.2	25
1,2-Dichloroethane	17.1		µg/kg wet		20.0		85	70-130	0.9	25
1,1-Dichloroethene	21.0		µg/kg wet		20.0		105	70-130	2	25
cis-1,2-Dichloroethene	20.2		µg/kg wet		20.0		101	70-130	2	25
trans-1,2-Dichloroethene	20.7		µg/kg wet		20.0		104	70-130	0.8	25
1,2-Dichloropropane	17.3		µg/kg wet		20.0		87	70-130	0.1	25
1,3-Dichloropropane	19.0		µg/kg wet		20.0		95	70-130	3	25
2,2-Dichloropropane	15.9		µg/kg wet		20.0		79	70-130	3	25
1,1-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	1	25
cis-1,3-Dichloropropene	18.0		µg/kg wet		20.0		90	70-130	2	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110227 - SW846 5035A Soil (low level)										
LCS Dup (7110227-BSD1)										
Prepared: 02-Nov-07 Analyzed: 03-Nov-07										
trans-1,3-Dichloropropene	18.4		µg/kg wet		20.0		92	70-130	2	25
Ethylbenzene	20.8		µg/kg wet		20.0		104	70-130	2	25
Hexachlorobutadiene	20.2		µg/kg wet		20.0		101	60.6-135	7	50
2-Hexanone (MBK)	19.7		µg/kg wet		20.0		98	70-130	11	25
Isopropylbenzene	21.2		µg/kg wet		20.0		106	70-130	0.6	25
4-Isopropyltoluene	20.1		µg/kg wet		20.0		101	70-130	4	25
Methyl tert-butyl ether	20.1		µg/kg wet		20.0		100	70-130	5	25
4-Methyl-2-pentanone (MIBK)	23.7		µg/kg wet		20.0		119	46-139	7	50
Methylene chloride	18.0		µg/kg wet		20.0		90	70-130	1	25
Naphthalene	20.1		µg/kg wet		20.0		100	70-130	1	25
n-Propylbenzene	20.9		µg/kg wet		20.0		105	70-130	2	25
Styrene	22.1		µg/kg wet		20.0		111	70-130	0.2	25
1,1,1,2-Tetrachloroethane	21.4		µg/kg wet		20.0		107	70-130	0.9	25
1,1,2,2-Tetrachloroethane	21.8		µg/kg wet		20.0		109	70-130	7	25
Tetrachloroethene	22.8		µg/kg wet		20.0		114	70-130	2	25
Toluene	19.6		µg/kg wet		20.0		98	70-130	1	25
1,2,3-Trichlorobenzene	21.2		µg/kg wet		20.0		106	70-130	3	25
1,2,4-Trichlorobenzene	20.7		µg/kg wet		20.0		104	70-130	3	25
1,1,1-Trichloroethane	18.6		µg/kg wet		20.0		93	70-130	4	25
1,1,2-Trichloroethane	19.8		µg/kg wet		20.0		99	70-130	3	25
Trichloroethene	19.4		µg/kg wet		20.0		97	70-130	2	25
Trichlorofluoromethane (Freon 11)	18.7		µg/kg wet		20.0		94	56.6-150	0.4	50
1,2,3-Trichloropropane	24.0		µg/kg wet		20.0		120	70-130	6	25
1,2,4-Trimethylbenzene	22.2		µg/kg wet		20.0		111	70-130	0.8	25
1,3,5-Trimethylbenzene	22.0		µg/kg wet		20.0		110	70-130	1	25
Vinyl chloride	18.1		µg/kg wet		20.0		90	70-130	3	25
m,p-Xylene	44.2		µg/kg wet		40.0		110	70-130	1	25
o-Xylene	23.1		µg/kg wet		20.0		116	70-130	0.8	25
Tetrahydrofuran	19.0		µg/kg wet		20.0		95	70-130	7	25
Ethyl ether	20.1		µg/kg wet		20.0		100	64.1-136	6	50
Tert-amyl methyl ether	16.7		µg/kg wet		20.0		84	70-130	3	25
Ethyl tert-butyl ether	19.3		µg/kg wet		20.0		97	70-130	2	25
Di-isopropyl ether	17.0		µg/kg wet		20.0		85	70-130	0.2	25
Tert-Butanol / butyl alcohol	223		µg/kg wet		200		112	70-130	13	25
1,4-Dioxane	224		µg/kg wet		200		112	34.8-156	10	25
trans-1,4-Dichloro-2-butene	18.8		µg/kg wet		20.0		94	70-130	11	25
Surrogate: 4-Bromofluorobenzene	*53.4*		µg/kg wet		*50.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*49.7*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.7*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*51.0*		µg/kg wet		*50.0*		*102*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110120 - SW846 3545A										
Blank (7110120-BLK1)										
Prepared: 02-Nov-07 Analyzed: 05-Nov-07										
Acenaphthene	BRL		µg/kg wet	330						
Acenaphthylene	BRL		µg/kg wet	330						
Aniline	BRL		µg/kg wet	330						
Anthracene	BRL		µg/kg wet	330						
Atrazine	BRL		µg/kg wet	330						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	330						
Benzidine	BRL		µg/kg wet	330						
Benzo (a) anthracene	BRL		µg/kg wet	330						
Benzo (a) pyrene	BRL		µg/kg wet	330						
Benzo (b) fluoranthene	BRL		µg/kg wet	330						
Benzo (g,h,i) perylene	BRL		µg/kg wet	330						
Benzo (k) fluoranthene	BRL		µg/kg wet	330						
Benzoic acid	BRL		µg/kg wet	330						
Benzyl alcohol	BRL		µg/kg wet	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	330						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	330						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	330						
Butyl benzyl phthalate	BRL		µg/kg wet	330						
Carbazole	BRL		µg/kg wet	330						
4-Chloro-3-methylphenol	BRL		µg/kg wet	330						
4-Chloroaniline	BRL		µg/kg wet	330						
2-Chloronaphthalene	BRL		µg/kg wet	330						
2-Chlorophenol	BRL		µg/kg wet	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	330						
Chrysene	BRL		µg/kg wet	330						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	330						
Dibenzofuran	BRL		µg/kg wet	330						
1,2-Dichlorobenzene	BRL		µg/kg wet	330						
1,3-Dichlorobenzene	BRL		µg/kg wet	330						
1,4-Dichlorobenzene	BRL		µg/kg wet	330						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	330						
2,4-Dichlorophenol	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,4-Dimethylphenol	BRL		µg/kg wet	330						
Di-n-butyl phthalate	BRL		µg/kg wet	330						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	330						
2,4-Dinitrophenol	BRL		µg/kg wet	330						
2,4-Dinitrotoluene	BRL		µg/kg wet	330						
2,6-Dinitrotoluene	BRL		µg/kg wet	330						
Di-n-octyl phthalate	BRL		µg/kg wet	330						
Fluoranthene	BRL		µg/kg wet	330						
Fluorene	BRL		µg/kg wet	330						
Hexachlorobenzene	BRL		µg/kg wet	330						
Hexachlorobutadiene	BRL		µg/kg wet	330						
Hexachlorocyclopentadiene	BRL		µg/kg wet	330						
Hexachloroethane	BRL		µg/kg wet	330						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110120 - SW846 3545A										
Blank (7110120-BLK1)										
Prepared: 02-Nov-07 Analyzed: 05-Nov-07										
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
Isophorone	BRL		µg/kg wet	330						
1-Methylnaphthalene	BRL		µg/kg wet	330						
2-Methylnaphthalene	BRL		µg/kg wet	330						
2-Methylphenol	BRL		µg/kg wet	330						
3,4-Methylphenol	BRL		µg/kg wet	330						
Naphthalene	BRL		µg/kg wet	330						
2-Nitroaniline	BRL		µg/kg wet	330						
3-Nitroaniline	BRL		µg/kg wet	330						
4-Nitroaniline	BRL		µg/kg wet	1320						
Nitrobenzene	BRL		µg/kg wet	330						
2-Nitrophenol	BRL		µg/kg wet	330						
4-Nitrophenol	BRL		µg/kg wet	1320						
N-Nitrosodimethylamine	BRL		µg/kg wet	330						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	330						
N-Nitrosodiphenylamine	BRL		µg/kg wet	330						
Pentachlorophenol	BRL		µg/kg wet	330						
Phenanthrene	BRL		µg/kg wet	330						
Phenol	BRL		µg/kg wet	330						
Pyrene	BRL		µg/kg wet	330						
Pyridine	BRL		µg/kg wet	330						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	330						
2,4,5-Trichlorophenol	BRL		µg/kg wet	330						
2,4,6-Trichlorophenol	BRL		µg/kg wet	330						
Pentachloronitrobenzene	BRL		µg/kg wet	330						
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg wet	330						
Surrogate: 2-Fluorobiphenyl	*1750*		µg/kg wet		*3330*		*52*	*30-130*		
Surrogate: 2-Fluorophenol	*1680*		µg/kg wet		*3330*		*50*	*15-110*		
Surrogate: Nitrobenzene-d5	*1670*		µg/kg wet		*3330*		*50*	*30-130*		
Surrogate: Phenol-d5	*1490*		µg/kg wet		*3330*		*45*	*15-110*		
Surrogate: Terphenyl-dl4	*2020*		µg/kg wet		*3330*		*61*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1770*		µg/kg wet		*3330*		*53*	*15-110*		
LCS (7110120-BS1)										
Prepared: 02-Nov-07 Analyzed: 05-Nov-07										
Acenaphthene	2830		µg/kg wet	330	3330		85	40-130		
Acenaphthylene	2830		µg/kg wet	330	3330		85	40-130		
Aniline	2340		µg/kg wet	330	3330		70	40-130		
Anthracene	2870		µg/kg wet	330	3330		86	40-130		
Atrazine	2080		µg/kg wet	330	3330		62	40-130		
Azobenzene/Diphenyldiazine	3010		µg/kg wet	330	3330		90	40-130		
Benzidine	BRL		µg/kg wet	330	3330			0-178		
Benzo (a) anthracene	2880		µg/kg wet	330	3330		86	40-130		
Benzo (a) pyrene	2930		µg/kg wet	330	3330		88	40-130		
Benzo (b) fluoranthene	3190		µg/kg wet	330	3330		96	40-130		
Benzo (g,h,i) perylene	1850		µg/kg wet	330	3330		56	40-130		
Benzo (k) fluoranthene	3190		µg/kg wet	330	3330		96	40-130		
Benzoic acid	2840		µg/kg wet	330	3330		85	0-130		
Benzyl alcohol	2430		µg/kg wet	330	3330		73	40-130		
Bis(2-chloroethoxy)methane	2950		µg/kg wet	330	3330		88	40-130		
Bis(2-chloroethyl)ether	2980		µg/kg wet	330	3330		90	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110120 - SW846 3545A										
LCS (7110120-BS1)										
Prepared: 02-Nov-07 Analyzed: 05-Nov-07										
Bis(2-chloroisopropyl)ether	2860		µg/kg wet	330	3330		86	40-130		
Bis(2-ethylhexyl)phthalate	3460		µg/kg wet	330	3330		104	40-130		
4-Bromophenyl phenyl ether	2910		µg/kg wet	330	3330		87	40-130		
Butyl benzyl phthalate	3440		µg/kg wet	330	3330		103	40-130		
Carbazole	2840		µg/kg wet	330	3330		85	40-130		
4-Chloro-3-methylphenol	3020		µg/kg wet	330	3330		90	40-130		
4-Chloroaniline	2350		µg/kg wet	330	3330		70	40-130		
2-Chloronaphthalene	2750		µg/kg wet	330	3330		82	40-130		
2-Chlorophenol	2750		µg/kg wet	330	3330		83	40-130		
4-Chlorophenyl phenyl ether	2900		µg/kg wet	330	3330		87	40-130		
Chrysene	2790		µg/kg wet	330	3330		84	40-130		
Dibenzo (a,h) anthracene	2210		µg/kg wet	330	3330		66	40-130		
Dibenzofuran	2790		µg/kg wet	330	3330		84	40-130		
1,2-Dichlorobenzene	2600		µg/kg wet	330	3330		78	40-130		
1,3-Dichlorobenzene	2600		µg/kg wet	330	3330		78	40-130		
1,4-Dichlorobenzene	2590		µg/kg wet	330	3330		78	40-130		
3,3'-Dichlorobenzidine	2810		µg/kg wet	330	3330		84	40-130		
2,4-Dichlorophenol	2800		µg/kg wet	330	3330		84	40-130		
Diethyl phthalate	3020		µg/kg wet	330	3330		91	40-130		
Dimethyl phthalate	2790		µg/kg wet	330	3330		84	40-130		
2,4-Dimethylphenol	2370		µg/kg wet	330	3330		71	40-130		
Di-n-butyl phthalate	3010		µg/kg wet	330	3330		90	40-130		
4,6-Dinitro-2-methylphenol	898	QC2	µg/kg wet	330	3330		27	40-130		
2,4-Dinitrophenol	963	QC2	µg/kg wet	330	3330		29	40-130		
2,4-Dinitrotoluene	2710		µg/kg wet	330	3330		81	40-130		
2,6-Dinitrotoluene	2820		µg/kg wet	330	3330		85	40-130		
Di-n-octyl phthalate	5030	QC2	µg/kg wet	330	3330		151	40-130		
Fluoranthene	2810		µg/kg wet	330	3330		84	40-130		
Fluorene	2830		µg/kg wet	330	3330		85	40-130		
Hexachlorobenzene	2780		µg/kg wet	330	3330		83	40-130		
Hexachlorobutadiene	2650		µg/kg wet	330	3330		79	40-130		
Hexachlorocyclopentadiene	820	QC2	µg/kg wet	330	3330		25	40-130		
Hexachloroethane	2310		µg/kg wet	330	3330		69	40-130		
Indeno (1,2,3-cd) pyrene	1960		µg/kg wet	330	3330		59	40-130		
1-Methylnaphthalene	2670		µg/kg wet	330	3330		80	40-140		
Isophorone	2760		µg/kg wet	330	3330		83	40-130		
2-Methylnaphthalene	2740		µg/kg wet	330	3330		82	40-130		
2-Methylphenol	2800		µg/kg wet	330	3330		84	40-130		
3,4-Methylphenol	2550		µg/kg wet	330	3330		77	40-130		
Naphthalene	2760		µg/kg wet	330	3330		83	40-130		
2-Nitroaniline	2970		µg/kg wet	330	3330		89	40-130		
3-Nitroaniline	2830		µg/kg wet	330	3330		85	40-130		
4-Nitroaniline	2870		µg/kg wet	1320	3330		86	40-130		
Nitrobenzene	2820		µg/kg wet	330	3330		85	40-130		
2-Nitrophenol	2780		µg/kg wet	330	3330		83	40-130		
4-Nitrophenol	3070		µg/kg wet	1320	3330		92	40-130		
N-Nitrosodimethylamine	2540		µg/kg wet	330	3330		76	40-130		
N-Nitrosodi-n-propylamine	2790		µg/kg wet	330	3330		84	40-130		
N-Nitrosodiphenylamine	3230		µg/kg wet	330	3330		97	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110120 - SW846 3545A										
LCS (7110120-BS1)										
Prepared: 02-Nov-07 Analyzed: 05-Nov-07										
Pentachlorophenol	3240		µg/kg wet	330	3330		97	40-130		
Phenanthrene	2850		µg/kg wet	330	3330		86	40-130		
Phenol	2830		µg/kg wet	330	3330		85	40-130		
Pyrene	3130		µg/kg wet	330	3330		94	40-130		
Pyridine	1570		µg/kg wet	330	3330		47	40-130		
1,2,4-Trichlorobenzene	2630		µg/kg wet	330	3330		79	40-130		
2,4,5-Trichlorophenol	2900		µg/kg wet	330	3330		87	40-130		
2,4,6-Trichlorophenol	2720		µg/kg wet	330	3330		82	40-130		
Pentachloronitrobenzene	2160		µg/kg wet	330	3330		65	40-140		
1,2,4,5-Tetrachlorobenzene	2260		µg/kg wet	330	3330		68	40-140		
Surrogate: 2-Fluorobiphenyl	*2100*		µg/kg wet		*3330*		*63*	*30-130*		
Surrogate: 2-Fluorophenol	*1900*		µg/kg wet		*3330*		*57*	*15-110*		
Surrogate: Nitrobenzene-d5	*2100*		µg/kg wet		*3330*		*63*	*30-130*		
Surrogate: Phenol-d5	*1630*		µg/kg wet		*3330*		*49*	*15-110*		
Surrogate: Terphenyl-dl4	*2400*		µg/kg wet		*3330*		*72*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2270*		µg/kg wet		*3330*		*68*	*15-110*		
Duplicate (7110120-DUP1) **Source: SA70306-01**										
Prepared: 02-Nov-07 Analyzed: 05-Nov-07										
Acenaphthene	BRL		µg/kg dry	311		BRL				50
Acenaphthylene	BRL		µg/kg dry	311		BRL				50
Aniline	BRL		µg/kg dry	311		BRL				50
Anthracene	BRL		µg/kg dry	311		BRL				50
Atrazine	BRL		µg/kg dry	311		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	311		BRL				50
Benzidine	BRL		µg/kg dry	311		BRL				50
Benzo (a) anthracene	46.4	J	µg/kg dry	311		36.5			24	50
Benzo (a) pyrene	33.9	J	µg/kg dry	311		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	311		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	311		BRL				50
Benzo (k) fluoranthene	37.6	J	µg/kg dry	311		BRL				50
Benzoic acid	BRL		µg/kg dry	311		BRL				50
Benzyl alcohol	BRL		µg/kg dry	311		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	311		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	311		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	311		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	311		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	311		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	311		BRL				50
Carbazole	BRL		µg/kg dry	311		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	311		BRL				50
4-Chloroaniline	BRL		µg/kg dry	311		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	311		BRL				50
2-Chlorophenol	BRL		µg/kg dry	311		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	311		BRL				50
Chrysene	46.4	J	µg/kg dry	311		35.9			26	50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	311		BRL				50
Dibenzofuran	BRL		µg/kg dry	311		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	311		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	311		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	311		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110120 - SW846 3545A										
Duplicate (7110120-DUP1) **Source: SA70306-01**										
Prepared: 02-Nov-07 Analyzed: 05-Nov-07										
3,3´-Dichlorobenzidine	BRL		µg/kg dry	311		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	311		BRL				50
Diethyl phthalate	BRL		µg/kg dry	311		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	311		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	311		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	311		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	311		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	311		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	311		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	311		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	311		BRL				50
Fluoranthene	92.9	J	µg/kg dry	311		68.2			31	50
Fluorene	BRL		µg/kg dry	311		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	311		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	311		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	311		BRL				50
Hexachloroethane	BRL		µg/kg dry	311		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	311		BRL				50
Isophorone	BRL		µg/kg dry	311		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	311		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	311		BRL				50
2-Methylphenol	BRL		µg/kg dry	311		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	311		BRL				50
Naphthalene	BRL		µg/kg dry	311		BRL				50
2-Nitroaniline	BRL		µg/kg dry	311		BRL				50
3-Nitroaniline	BRL		µg/kg dry	311		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1240		BRL				50
Nitrobenzene	BRL		µg/kg dry	311		BRL				50
2-Nitrophenol	BRL		µg/kg dry	311		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1240		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	311		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	311		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	311		BRL				50
Pentachlorophenol	BRL		µg/kg dry	311		BRL				50
Phenanthrene	67.8	J	µg/kg dry	311		47.3			36	50
Phenol	BRL		µg/kg dry	311		BRL				50
Pyrene	92.2	J	µg/kg dry	311		66.4			33	50
Pyridine	BRL		µg/kg dry	311		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	311		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	311		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	311		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	311		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	311		BRL				50
Surrogate: 2-Fluorobiphenyl	*1900*		µg/kg dry		*3140*		*61*	*30-130*		
Surrogate: 2-Fluorophenol	*1620*		µg/kg dry		*3140*		*52*	*15-110*		
Surrogate: Nitrobenzene-d5	*1840*		µg/kg dry		*3140*		*59*	*30-130*		
Surrogate: Phenol-d5	*1570*		µg/kg dry		*3140*		*50*	*15-110*		
Surrogate: Terphenyl-dl4	*2230*		µg/kg dry		*3140*		*71*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1410*		µg/kg dry		*3140*		*45*	*15-110*		
Matrix Spike (7110120-MS1) **Source: SA70306-01**										

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110120 - SW846 3545A										
Prepared: 02-Nov-07 Analyzed: 05-Nov-07										
Acenaphthene	2280		µg/kg dry	303	3060	BRL	74	40-140		
Benzo (b) fluoranthene	2580		µg/kg dry	303	3060	BRL	84	40-140		
Benzo (k) fluoranthene	2610		µg/kg dry	303	3060	BRL	85	40-140		
4-Chloro-3-methylphenol	2350		µg/kg dry	303	3060	BRL	77	30-130		
2-Chlorophenol	2090		µg/kg dry	303	3060	BRL	68	30-130		
Chrysene	2360		µg/kg dry	303	3060	35.9	76	30-130		
1,4-Dichlorobenzene	2070		µg/kg dry	303	3060	BRL	67	40-140		
Indeno (1,2,3-cd) pyrene	1690		µg/kg dry	303	3060	BRL	55	40-140		
Naphthalene	2180		µg/kg dry	303	3060	BRL	71	40-140		
4-Nitrophenol	1420		µg/kg dry	1210	3060	BRL	46	30-130		
N-Nitrosodi-n-propylamine	2220		µg/kg dry	303	3060	BRL	73	40-140		
Pentachlorophenol	291	QM7	µg/kg dry	303	3060	BRL	9	30-130		
Phenol	2260		µg/kg dry	303	3060	BRL	74	30-130		
Pyrene	2680		µg/kg dry	303	3060	66.4	85	40-140		
1,2,4-Trichlorobenzene	2030		µg/kg dry	303	3060	BRL	66	40-140		
Surrogate: 2-Fluorobiphenyl	*1440*		µg/kg dry		*3060*		*47*	*30-130*		
Surrogate: 2-Fluorophenol	*1180*		µg/kg dry		*3060*		*39*	*15-110*		
Surrogate: Nitrobenzene-d5	*1410*		µg/kg dry		*3060*		*46*	*30-130*		
Surrogate: Phenol-d5	*1100*		µg/kg dry		*3060*		*36*	*15-110*		
Surrogate: Terphenyl-dl4	*1640*		µg/kg dry		*3060*		*53*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1160*		µg/kg dry		*3060*		*38*	*15-110*		
Matrix Spike Dup (7110120-MSD1) **Source: SA70306-01**										
Prepared: 02-Nov-07 Analyzed: 05-Nov-07										
Acenaphthene	2570		µg/kg dry	307	3100	BRL	83	40-140	11	30
Benzo (b) fluoranthene	3130		µg/kg dry	307	3100	BRL	101	40-140	18	30
Benzo (k) fluoranthene	2830		µg/kg dry	307	3100	BRL	91	40-140	7	30
4-Chloro-3-methylphenol	2730		µg/kg dry	307	3100	BRL	88	30-130	14	30
2-Chlorophenol	2430		µg/kg dry	307	3100	BRL	78	30-130	14	30
Chrysene	2610		µg/kg dry	307	3100	35.9	83	30-130	9	30
1,4-Dichlorobenzene	2400		µg/kg dry	307	3100	BRL	78	40-140	14	30
Indeno (1,2,3-cd) pyrene	1800		µg/kg dry	307	3100	BRL	58	40-140	5	30
Naphthalene	2460		µg/kg dry	307	3100	BRL	79	40-140	11	30
4-Nitrophenol	1320		µg/kg dry	1230	3100	BRL	43	30-130	8	30
N-Nitrosodi-n-propylamine	2550		µg/kg dry	307	3100	BRL	82	40-140	12	30
Pentachlorophenol	770	QM7	µg/kg dry	307	3100	BRL	25	30-130	89	30
Phenol	2580		µg/kg dry	307	3100	BRL	83	30-130	12	30
Pyrene	2980		µg/kg dry	307	3100	66.4	94	40-140	10	30
1,2,4-Trichlorobenzene	2330		µg/kg dry	307	3100	BRL	75	40-140	13	30
Surrogate: 2-Fluorobiphenyl	*1700*		µg/kg dry		*3100*		*55*	*30-130*		
Surrogate: 2-Fluorophenol	*1450*		µg/kg dry		*3100*		*47*	*15-110*		
Surrogate: Nitrobenzene-d5	*1680*		µg/kg dry		*3100*		*54*	*30-130*		
Surrogate: Phenol-d5	*1300*		µg/kg dry		*3100*		*42*	*15-110*		
Surrogate: Terphenyl-dl4	*1930*		µg/kg dry		*3100*		*62*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1590*		µg/kg dry		*3100*		*51*	*15-110*		
Batch 7110195 - SW846 3550B										
Blank (7110195-BLK1)										
Prepared: 02-Nov-07 Analyzed: 07-Nov-07										
Acenaphthene	BRL		µg/kg wet	330						
Acenaphthylene	BRL		µg/kg wet	330						
Aniline	BRL		µg/kg wet	330						
Anthracene	BRL		µg/kg wet	330						
Atrazine	BRL		µg/kg wet	330						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110195 - SW846 3550B										
Blank (7110195-BLK1)										
Prepared: 02-Nov-07 Analyzed: 07-Nov-07										
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	330						
Benzidine	BRL		µg/kg wet	330						
Benzo (a) anthracene	BRL		µg/kg wet	330						
Benzo (a) pyrene	BRL		µg/kg wet	330						
Benzo (b) fluoranthene	BRL		µg/kg wet	330						
Benzo (g,h,i) perylene	BRL		µg/kg wet	330						
Benzo (k) fluoranthene	BRL		µg/kg wet	330						
Benzoic acid	BRL		µg/kg wet	330						
Benzyl alcohol	BRL		µg/kg wet	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	330						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	330						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	330						
Butyl benzyl phthalate	BRL		µg/kg wet	330						
Carbazole	BRL		µg/kg wet	330						
4-Chloro-3-methylphenol	BRL		µg/kg wet	330						
4-Chloroaniline	BRL		µg/kg wet	330						
2-Chloronaphthalene	BRL		µg/kg wet	330						
2-Chlorophenol	BRL		µg/kg wet	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	330						
Chrysene	BRL		µg/kg wet	330						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	330						
Dibenzofuran	BRL		µg/kg wet	330						
1,2-Dichlorobenzene	BRL		µg/kg wet	330						
1,3-Dichlorobenzene	BRL		µg/kg wet	330						
1,4-Dichlorobenzene	BRL		µg/kg wet	330						
3,3´-Dichlorobenzidine	BRL		µg/kg wet	330						
2,4-Dichlorophenol	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,4-Dimethylphenol	BRL		µg/kg wet	330						
Di-n-butyl phthalate	BRL		µg/kg wet	330						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	330						
2,4-Dinitrophenol	BRL		µg/kg wet	330						
2,4-Dinitrotoluene	BRL		µg/kg wet	330						
2,6-Dinitrotoluene	BRL		µg/kg wet	330						
Di-n-octyl phthalate	BRL		µg/kg wet	330						
Fluoranthene	BRL		µg/kg wet	330						
Fluorene	BRL		µg/kg wet	330						
Hexachlorobenzene	BRL		µg/kg wet	330						
Hexachlorobutadiene	BRL		µg/kg wet	330						
Hexachlorocyclopentadiene	BRL		µg/kg wet	330						
Hexachloroethane	BRL		µg/kg wet	330						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
1-Methylnaphthalene	BRL		µg/kg wet	330						
Isophorone	BRL		µg/kg wet	330						
2-Methylnaphthalene	BRL		µg/kg wet	330						
2-Methylphenol	BRL		µg/kg wet	330						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110195 - SW846 3550B										
Blank (7110195-BLK1)										
Prepared: 02-Nov-07 Analyzed: 07-Nov-07										
3,4-Methylphenol	BRL		µg/kg wet	330						
Naphthalene	BRL		µg/kg wet	330						
2-Nitroaniline	BRL		µg/kg wet	330						
3-Nitroaniline	BRL		µg/kg wet	330						
4-Nitroaniline	BRL		µg/kg wet	1320						
Nitrobenzene	BRL		µg/kg wet	330						
2-Nitrophenol	BRL		µg/kg wet	330						
4-Nitrophenol	BRL		µg/kg wet	1320						
N-Nitrosodimethylamine	BRL		µg/kg wet	330						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	330						
N-Nitrosodiphenylamine	BRL		µg/kg wet	330						
Pentachlorophenol	BRL		µg/kg wet	330						
Phenanthrene	BRL		µg/kg wet	330						
Phenol	BRL		µg/kg wet	330						
Pyrene	BRL		µg/kg wet	330						
Pyridine	BRL		µg/kg wet	330						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	330						
2,4,5-Trichlorophenol	BRL		µg/kg wet	330						
2,4,6-Trichlorophenol	BRL		µg/kg wet	330						
Pentachloronitrobenzene	BRL		µg/kg wet	330						
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg wet	330						
Surrogate: 2-Fluorobiphenyl	*2010*		µg/kg wet		*3330*		*60*	*30-130*		
Surrogate: 2-Fluorophenol	*1230*		µg/kg wet		*3330*		*37*	*15-110*		
Surrogate: Nitrobenzene-d5	*2020*		µg/kg wet		*3330*		*61*	*30-130*		
Surrogate: Phenol-d5	*1840*		µg/kg wet		*3330*		*55*	*15-110*		
Surrogate: Terphenyl-dl4	*2180*		µg/kg wet		*3330*		*66*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2020*		µg/kg wet		*3330*		*61*	*15-110*		
LCS (7110195-BS1)										
Prepared: 02-Nov-07 Analyzed: 07-Nov-07										
Acenaphthene	2330		µg/kg wet	330	3330		70	40-130		
Acenaphthylene	2340		µg/kg wet	330	3330		70	40-130		
Aniline	899	QC2	µg/kg wet	330	3330		27	40-130		
Anthracene	2350		µg/kg wet	330	3330		71	40-130		
Atrazine	1910		µg/kg wet	330	3330		57	40-130		
Azobenzene/Diphenyldiazine	2630		µg/kg wet	330	3330		79	40-130		
Benzidine	BRL		µg/kg wet	330	3330			0-178		
Benzo (a) anthracene	2390		µg/kg wet	330	3330		72	40-130		
Benzo (a) pyrene	2400		µg/kg wet	330	3330		72	40-130		
Benzo (b) fluoranthene	2400		µg/kg wet	330	3330		72	40-130		
Benzo (g,h,i) perylene	2410		µg/kg wet	330	3330		72	40-130		
Benzo (k) fluoranthene	2400		µg/kg wet	330	3330		72	40-130		
Benzoic acid	2580		µg/kg wet	330	3330		78	0-130		
Benzyl alcohol	1750		µg/kg wet	330	3330		52	40-130		
Bis(2-chloroethoxy)methane	2470		µg/kg wet	330	3330		74	40-130		
Bis(2-chloroethyl)ether	2500		µg/kg wet	330	3330		75	40-130		
Bis(2-chloroisopropyl)ether	2390		µg/kg wet	330	3330		72	40-130		
Bis(2-ethylhexyl)phthalate	2770		µg/kg wet	330	3330		83	40-130		
4-Bromophenyl phenyl ether	2370		µg/kg wet	330	3330		71	40-130		
Butyl benzyl phthalate	2740		µg/kg wet	330	3330		82	40-130		
Carbazole	2410		µg/kg wet	330	3330		72	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110195 - SW846 3550B										
LCS (7110195-BS1)										
Prepared: 02-Nov-07 Analyzed: 07-Nov-07										
4-Chloro-3-methylphenol	2570		µg/kg wet	330	3330		77	40-130		
4-Chloroaniline	1780		µg/kg wet	330	3330		53	40-130		
2-Chloronaphthalene	2250		µg/kg wet	330	3330		68	40-130		
2-Chlorophenol	2220		µg/kg wet	330	3330		67	40-130		
4-Chlorophenyl phenyl ether	2420		µg/kg wet	330	3330		73	40-130		
Chrysene	2330		µg/kg wet	330	3330		70	40-130		
Dibenzo (a,h) anthracene	2410		µg/kg wet	330	3330		72	40-130		
Dibenzofuran	2310		µg/kg wet	330	3330		69	40-130		
1,2-Dichlorobenzene	2070		µg/kg wet	330	3330		62	40-130		
1,3-Dichlorobenzene	2060		µg/kg wet	330	3330		62	40-130		
1,4-Dichlorobenzene	2070		µg/kg wet	330	3330		62	40-130		
3,3'-Dichlorobenzidine	2250		µg/kg wet	330	3330		67	40-130		
2,4-Dichlorophenol	2260		µg/kg wet	330	3330		68	40-130		
Diethyl phthalate	2530		µg/kg wet	330	3330		76	40-130		
Dimethyl phthalate	2360		µg/kg wet	330	3330		71	40-130		
2,4-Dimethylphenol	1930		µg/kg wet	330	3330		58	40-130		
Di-n-butyl phthalate	2570		µg/kg wet	330	3330		77	40-130		
4,6-Dinitro-2-methylphenol	2630		µg/kg wet	330	3330		79	40-130		
2,4-Dinitrophenol	2730		µg/kg wet	330	3330		82	40-130		
2,4-Dinitrotoluene	2500		µg/kg wet	330	3330		75	40-130		
2,6-Dinitrotoluene	2570		µg/kg wet	330	3330		77	40-130		
Di-n-octyl phthalate	3100		µg/kg wet	330	3330		93	40-130		
Fluoranthene	2370		µg/kg wet	330	3330		71	40-130		
Fluorene	2370		µg/kg wet	330	3330		71	40-130		
Hexachlorobenzene	2290		µg/kg wet	330	3330		69	40-130		
Hexachlorobutadiene	2050		µg/kg wet	330	3330		62	40-130		
Hexachlorocyclopentadiene	1730		µg/kg wet	330	3330		52	40-130		
Hexachloroethane	2130		µg/kg wet	330	3330		64	40-130		
Indeno (1,2,3-cd) pyrene	2330		µg/kg wet	330	3330		70	40-130		
Isophorone	2310		µg/kg wet	330	3330		69	40-130		
1-Methylnaphthalene	2220		µg/kg wet	330	3330		66	40-140		
2-Methylnaphthalene	2240		µg/kg wet	330	3330		67	40-130		
2-Methylphenol	2190		µg/kg wet	330	3330		66	40-130		
3,4-Methylphenol	2030		µg/kg wet	330	3330		61	40-130		
Naphthalene	2210		µg/kg wet	330	3330		66	40-130		
2-Nitroaniline	2490		µg/kg wet	330	3330		75	40-130		
3-Nitroaniline	2170		µg/kg wet	330	3330		65	40-130		
4-Nitroaniline	2310		µg/kg wet	1320	3330		69	40-130		
Nitrobenzene	2340		µg/kg wet	330	3330		70	40-130		
2-Nitrophenol	2640		µg/kg wet	330	3330		79	40-130		
4-Nitrophenol	1440		µg/kg wet	1320	3330		43	40-130		
N-Nitrosodimethylamine	2840		µg/kg wet	330	3330		85	40-130		
N-Nitrosodi-n-propylamine	2280		µg/kg wet	330	3330		68	40-130		
N-Nitrosodiphenylamine	2640		µg/kg wet	330	3330		79	40-130		
Pentachlorophenol	2650		µg/kg wet	330	3330		80	40-130		
Phenanthrene	2390		µg/kg wet	330	3330		72	40-130		
Phenol	2340		µg/kg wet	330	3330		70	40-130		
Pyrene	2480		µg/kg wet	330	3330		74	40-130		
Pyridine	135	QC2	µg/kg wet	330	3330		4	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110195 - SW846 3550B										
LCS (7110195-BS1)										
Prepared: 02-Nov-07 Analyzed: 07-Nov-07										
1,2,4-Trichlorobenzene	2060		µg/kg wet	330	3330		62	40-130		
2,4,5-Trichlorophenol	2340		µg/kg wet	330	3330		70	40-130		
2,4,6-Trichlorophenol	2210		µg/kg wet	330	3330		66	40-130		
Pentachloronitrobenzene	1930		µg/kg wet	330	3330		58	40-140		
1,2,4,5-Tetrachlorobenzene	1800		µg/kg wet	330	3330		54	40-140		
Surrogate: 2-Fluorobiphenyl	*2040*		µg/kg wet		*3330*		*61*	*30-130*		
Surrogate: 2-Fluorophenol	*1910*		µg/kg wet		*3330*		*57*	*15-110*		
Surrogate: Nitrobenzene-d5	*2130*		µg/kg wet		*3330*		*64*	*30-130*		
Surrogate: Phenol-d5	*1700*		µg/kg wet		*3330*		*51*	*15-110*		
Surrogate: Terphenyl-dl4	*3160*		µg/kg wet		*3330*		*95*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2160*		µg/kg wet		*3330*		*65*	*15-110*		
Duplicate (7110195-DUP1) **Source: SA70439-14**										
Prepared: 02-Nov-07 Analyzed: 07-Nov-07										
Acenaphthene	BRL		µg/kg dry	576		BRL				50
Acenaphthylene	BRL		µg/kg dry	576		BRL				50
Aniline	BRL		µg/kg dry	576		BRL				50
Anthracene	59.4	J	µg/kg dry	576		BRL				50
Atrazine	BRL		µg/kg dry	576		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	576		BRL				50
Benzidine	BRL		µg/kg dry	576		BRL				50
Benzo (a) anthracene	276	J	µg/kg dry	576		235			16	50
Benzo (a) pyrene	270	J	µg/kg dry	576		220			21	50
Benzo (b) fluoranthene	272	J	µg/kg dry	576		189			36	50
Benzo (g,h,i) perylene	165	J	µg/kg dry	576		135			20	50
Benzo (k) fluoranthene	232	J	µg/kg dry	576		226			3	50
Benzoic acid	BRL		µg/kg dry	576		BRL				50
Benzyl alcohol	BRL		µg/kg dry	576		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	576		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	576		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	576		BRL				50
Bis(2-ethylhexyl)phthalate	120	J	µg/kg dry	576		183			42	50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	576		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	576		BRL				50
Carbazole	BRL		µg/kg dry	576		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	576		BRL				50
4-Chloroaniline	BRL		µg/kg dry	576		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	576		BRL				50
2-Chlorophenol	BRL		µg/kg dry	576		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	576		BRL				50
Chrysene	331	J	µg/kg dry	576		279			17	50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	576		BRL				50
Dibenzofuran	BRL		µg/kg dry	576		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	576		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	576		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	576		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/kg dry	576		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	576		BRL				50
Diethyl phthalate	BRL		µg/kg dry	576		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	576		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	576		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110195 - SW846 3550B										
Duplicate (7110195-DUP1) **Source: SA70439-14**										
Prepared: 02-Nov-07 Analyzed: 07-Nov-07										
Di-n-butyl phthalate	BRL		µg/kg dry	576		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	576		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	576		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	576		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	576		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	576		BRL				50
Fluoranthene	787		µg/kg dry	576		626			23	50
Fluorene	BRL		µg/kg dry	576		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	576		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	576		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	576		BRL				50
Hexachloroethane	BRL		µg/kg dry	576		BRL				50
Indeno (1,2,3-cd) pyrene	186	J	µg/kg dry	576		150			22	50
Isophorone	BRL		µg/kg dry	576		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	576		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	576		BRL				50
2-Methylphenol	BRL		µg/kg dry	576		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	576		BRL				50
Naphthalene	BRL		µg/kg dry	576		BRL				50
2-Nitroaniline	BRL		µg/kg dry	576		BRL				50
3-Nitroaniline	BRL		µg/kg dry	576		BRL				50
4-Nitroaniline	BRL		µg/kg dry	2310		BRL				50
Nitrobenzene	BRL		µg/kg dry	576		BRL				50
2-Nitrophenol	BRL		µg/kg dry	576		BRL				50
4-Nitrophenol	BRL		µg/kg dry	2310		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	576		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	576		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	576		BRL				50
Pentachlorophenol	BRL		µg/kg dry	576		BRL				50
Phenanthrene	452	J	µg/kg dry	576		343			27	50
Phenol	BRL		µg/kg dry	576		BRL				50
Pyrene	652		µg/kg dry	576		504			26	50
Pyridine	BRL		µg/kg dry	576		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	576		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	576		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	576		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	576		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	576		BRL				50
Surrogate: 2-Fluorobiphenyl	*1750*		µg/kg dry		*2910*		*60*	*30-130*		
Surrogate: 2-Fluorophenol	*1760*		µg/kg dry		*2910*		*61*	*15-110*		
Surrogate: Nitrobenzene-d5	*1750*		µg/kg dry		*2910*		*60*	*30-130*		
Surrogate: Phenol-d5	*1540*		µg/kg dry		*2910*		*53*	*15-110*		
Surrogate: Terphenyl-dl4	*1740*		µg/kg dry		*2910*		*60*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1550*		µg/kg dry		*2910*		*53*	*15-110*		
Matrix Spike (7110195-MS1) **Source: SA70439-14**										
Prepared: 02-Nov-07 Analyzed: 07-Nov-07										
Acenaphthene	1610		µg/kg dry	293	2960	BRL	54	40-140		
Benzo (b) fluoranthene	95.2		µg/kg dry	293		189		40-140		
Benzo (k) fluoranthene	109		µg/kg dry	293		226		40-140		
4-Chloro-3-methylphenol	3190		µg/kg dry	293	5910	BRL	54	30-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110195 - SW846 3550B										
Matrix Spike (7110195-MS1) **Source: SA70439-14**										
Prepared: 02-Nov-07 Analyzed: 07-Nov-07										
2-Chlorophenol	3070		µg/kg dry	293	5910	BRL	52	30-130		
Chrysene	125		µg/kg dry	293		279		40-140		
1,4-Dichlorobenzene	1480		µg/kg dry	293	2960	BRL	50	40-140		
Indeno (1,2,3-cd) pyrene	66.8		µg/kg dry	293		150		40-140		
Naphthalene	BRL		µg/kg dry	293		BRL		40-140		
4-Nitrophenol	3580		µg/kg dry	1170	5910	BRL	61	30-130		
N-Nitrosodi-n-propylamine	1750		µg/kg dry	293	2960	BRL	59	40-140		
Pentachlorophenol	3570		µg/kg dry	293	5910	BRL	60	30-130		
Phenol	3130		µg/kg dry	293	5910	BRL	53	30-130		
Pyrene	1850		µg/kg dry	293	2960	504	46	40-140		
1,2,4-Trichlorobenzene	1390		µg/kg dry	293	2960	BRL	47	40-140		
Surrogate: 2-Fluorobiphenyl	*1350*		µg/kg dry		*2960*		*46*	*30-130*		
Surrogate: 2-Fluorophenol	*1290*		µg/kg dry		*2960*		*44*	*15-110*		
Surrogate: Nitrobenzene-d5	*1400*		µg/kg dry		*2960*		*47*	*30-130*		
Surrogate: Phenol-d5	*1110*		µg/kg dry		*2960*		*38*	*15-110*		
Surrogate: Terphenyl-dl4	*1430*		µg/kg dry		*2960*		*48*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1410*		µg/kg dry		*2960*		*48*	*15-110*		
Matrix Spike Dup (7110195-MSD1) **Source: SA70439-14**										
Prepared: 02-Nov-07 Analyzed: 07-Nov-07										
Acenaphthene	1700		µg/kg dry	289	2920	BRL	58	40-140	7	30
Benzo (b) fluoranthene	104		µg/kg dry	289		189		40-140		30
Benzo (k) fluoranthene	130		µg/kg dry	289		226		40-140		30
4-Chloro-3-methylphenol	3440		µg/kg dry	289	5850	BRL	59	30-130	9	30
2-Chlorophenol	3250		µg/kg dry	289	5850	BRL	56	30-130	7	30
Chrysene	142		µg/kg dry	289		279		40-140		30
1,4-Dichlorobenzene	1550		µg/kg dry	289	2920	BRL	53	40-140	6	30
Indeno (1,2,3-cd) pyrene	77.2		µg/kg dry	289		150		40-140		30
Naphthalene	BRL		µg/kg dry	289		BRL		40-140		30
4-Nitrophenol	3610		µg/kg dry	1160	5850	BRL	62	30-130	2	30
N-Nitrosodi-n-propylamine	1850		µg/kg dry	289	2920	BRL	63	40-140	7	30
Pentachlorophenol	3790		µg/kg dry	289	5850	BRL	65	30-130	7	30
Phenol	3330		µg/kg dry	289	5850	BRL	57	30-130	8	30
Pyrene	2030		µg/kg dry	289	2920	504	52	40-140	13	30
1,2,4-Trichlorobenzene	1450		µg/kg dry	289	2920	BRL	50	40-140	5	30
Surrogate: 2-Fluorobiphenyl	*1370*		µg/kg dry		*2920*		*47*	*30-130*		
Surrogate: 2-Fluorophenol	*1290*		µg/kg dry		*2920*		*44*	*15-110*		
Surrogate: Nitrobenzene-d5	*1410*		µg/kg dry		*2920*		*48*	*30-130*		
Surrogate: Phenol-d5	*1140*		µg/kg dry		*2920*		*39*	*15-110*		
Surrogate: Terphenyl-dl4	*1480*		µg/kg dry		*2920*		*51*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1440*		µg/kg dry		*2920*		*49*	*15-110*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110198 - SW846 3550B										
Blank (7110198-BLK1)										
Prepared: 02-Nov-07 Analyzed: 06-Nov-07										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.4*		µg/kg wet		*28.6*		*40*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*25.7*		µg/kg wet		*28.6*		*90*	*30-150*		
LCS (7110198-BS1)										
Prepared: 02-Nov-07 Analyzed: 06-Nov-07										
PCB 1016	446		µg/kg wet	28.6	357		125	40-140		
PCB 1260	443		µg/kg wet	28.6	357		124	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.4*		µg/kg wet		*28.6*		*40*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*27.1*		µg/kg wet		*28.6*		*95*	*30-150*		
LCS Dup (7110198-BSD1)										
Prepared: 02-Nov-07 Analyzed: 06-Nov-07										
PCB 1016	444		µg/kg wet	28.6	357		124	40-140	0.3	30
PCB 1260	454		µg/kg wet	28.6	357		127	40-140	3	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.9*		µg/kg wet		*28.6*		*45*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*25.7*		µg/kg wet		*28.6*		*90*	*30-150*		
Duplicate (7110198-DUP1) **Source: SA70439-11**										
Prepared: 02-Nov-07 Analyzed: 06-Nov-07										
PCB 1016	BRL		µg/kg dry	32.9		BRL				40
PCB 1221	BRL		µg/kg dry	32.9		BRL				40
PCB 1232	BRL		µg/kg dry	32.9		BRL				40
PCB 1242	BRL		µg/kg dry	32.9		BRL				40
PCB 1248	BRL		µg/kg dry	32.9		BRL				40
PCB 1254	BRL		µg/kg dry	32.9		BRL				40
PCB 1260	BRL		µg/kg dry	32.9		BRL				40
PCB 1262	BRL		µg/kg dry	32.9		BRL				40
PCB 1268	BRL		µg/kg dry	32.9		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.7*		µg/kg dry		*32.9*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*36.2*		µg/kg dry		*32.9*		*110*	*30-150*		
Matrix Spike (7110198-MS1) **Source: SA70439-11**										
Prepared: 02-Nov-07 Analyzed: 06-Nov-07										
PCB 1016	393		µg/kg dry	32.4	404	BRL	97	40-140		
PCB 1260	491		µg/kg dry	32.4	404	BRL	122	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.5*		µg/kg dry		*32.3*		*45*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*25.9*		µg/kg dry		*32.3*		*80*	*30-150*		
Matrix Spike Dup (7110198-MSD1) **Source: SA70439-11**										
Prepared: 02-Nov-07 Analyzed: 06-Nov-07										
PCB 1016	507		µg/kg dry	33.3	415	BRL	122	40-140	23	50
PCB 1260	535		µg/kg dry	33.3	415	BRL	129	40-140	6	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.3*		µg/kg dry		*33.2*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*39.9*		µg/kg dry		*33.2*		*120*	*30-150*		
Batch 7110256 - SW846 3545A										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110256 - SW846 3545A										
Blank (7110256-BLK1)										
Prepared: 02-Nov-07 Analyzed: 06-Nov-07										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.4*		µg/kg wet		*28.6*		*40*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*31.4*		µg/kg wet		*28.6*		*110*	*30-150*		
LCS (7110256-BS1)										
Prepared: 02-Nov-07 Analyzed: 06-Nov-07										
PCB 1016	414		µg/kg wet	28.6	357		116	40-140		
PCB 1260	441		µg/kg wet	28.6	357		124	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.0*		µg/kg wet		*28.6*		*35*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*31.4*		µg/kg wet		*28.6*		*110*	*30-150*		
LCS Dup (7110256-BSD1)										
Prepared: 02-Nov-07 Analyzed: 06-Nov-07										
PCB 1016	419		µg/kg wet	28.6	357		117	40-140	1	30
PCB 1260	447		µg/kg wet	28.6	357		125	40-140	1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.0*		µg/kg wet		*28.6*		*35*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*28.6*		µg/kg wet		*28.6*		*100*	*30-150*		
Duplicate (7110256-DUP1) **Source: SA70476-01**										
Prepared: 02-Nov-07 Analyzed: 06-Nov-07										
PCB 1016	BRL		µg/kg dry	34.7		BRL				40
PCB 1221	BRL		µg/kg dry	34.7		BRL				40
PCB 1232	BRL		µg/kg dry	34.7		BRL				40
PCB 1242	BRL		µg/kg dry	34.7		BRL				40
PCB 1248	BRL		µg/kg dry	34.7		BRL				40
PCB 1254	BRL		µg/kg dry	34.7		BRL				40
PCB 1260	BRL		µg/kg dry	34.7		BRL				40
PCB 1262	BRL		µg/kg dry	34.7		BRL				40
PCB 1268	BRL		µg/kg dry	34.7		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.6*		µg/kg dry		*34.7*		*45*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*31.2*		µg/kg dry		*34.7*		*90*	*30-150*		
Matrix Spike (7110256-MS1) **Source: SA70476-01**										
Prepared: 02-Nov-07 Analyzed: 06-Nov-07										
PCB 1016	511		µg/kg dry	33.5	418	BRL	122	40-140		
PCB 1260	527		µg/kg dry	33.5	418	BRL	126	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*13.4*		µg/kg dry		*33.5*		*40*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*38.5*		µg/kg dry		*33.5*		*115*	*30-150*		
Matrix Spike Dup (7110256-MSD1) **Source: SA70476-01**										
Prepared: 02-Nov-07 Analyzed: 06-Nov-07										
PCB 1016	449		µg/kg dry	31.0	387	BRL	116	40-140	5	50
PCB 1260	426		µg/kg dry	31.0	387	BRL	110	40-140	14	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.8*		µg/kg dry		*30.9*		*35*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*29.4*		µg/kg dry		*30.9*		*95*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110299 - SW846 3550B										
Blank (7110299-BLK1)										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
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	*2.33*		mg/kg wet		*3.33*		*70*	*50-150*		
LCS (7110299-BS1)										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
C9-C36 Aliphatic Hydrocarbons	64.3		mg/kg wet	13.3	93.3		69	60-120		
Surrogate: 1-Chlorooctadecane	*2.31*		mg/kg wet		*3.33*		*69*	*50-150*		
Duplicate (7110299-DUP1) **Source: SA70476-01**										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
Gasoline	BRL		mg/kg dry	28.4		BRL				50
Fuel Oil #2	BRL		mg/kg dry	28.4		BRL				50
Fuel Oil #4	BRL		mg/kg dry	28.4		BRL				50
Fuel Oil #6	BRL		mg/kg dry	28.4		BRL				50
Motor Oil	BRL		mg/kg dry	28.4		BRL				50
Aviation Fuel	BRL		mg/kg dry	28.4		BRL				50
Unidentified	BRL		mg/kg dry	28.4		BRL				50
Other Oil	BRL		mg/kg dry	28.4		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.4		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.4		BRL				50
Surrogate: 1-Chlorooctadecane	*2.98*		mg/kg dry		*3.56*		*84*	*50-150*		
Matrix Spike (7110299-MS1) **Source: SA70476-01**										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
C9-C36 Aliphatic Hydrocarbons	69.8		mg/kg dry	14.6	102	BRL	68	50-150		
Surrogate: 1-Chlorooctadecane	*2.33*		mg/kg dry		*3.66*		*64*	*50-150*		
Matrix Spike Dup (7110299-MSD1) **Source: SA70476-01**										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
C9-C36 Aliphatic Hydrocarbons	62.9		mg/kg dry	14.8	104	BRL	61	50-150	11	30
Surrogate: 1-Chlorooctadecane	*2.41*		mg/kg dry		*3.70*		*65*	*50-150*		
Batch 7110300 - SW846 3550B										
Blank (7110300-BLK1)										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
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						

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110300 - SW846 3550B										
Blank (7110300-BLK1)										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.29*		mg/kg wet		*3.33*		*69*	*50-150*		
LCS (7110300-BS1)										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
C9-C36 Aliphatic Hydrocarbons	67.7		mg/kg wet	13.3	93.3		73	60-120		
Surrogate: 1-Chlorooctadecane	*1.94*		mg/kg wet		*3.33*		*58*	*50-150*		
Duplicate (7110300-DUP1) **Source: SA70438-02**										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
Gasoline	BRL		mg/kg dry	28.0		BRL				50
Fuel Oil #2	BRL		mg/kg dry	28.0		BRL				50
Fuel Oil #4	BRL		mg/kg dry	28.0		BRL				50
Fuel Oil #6	BRL		mg/kg dry	28.0		BRL				50
Motor Oil	BRL		mg/kg dry	28.0		BRL				50
Aviation Fuel	BRL		mg/kg dry	28.0		BRL				50
Unidentified	BRL		mg/kg dry	28.0		BRL				50
Other Oil	BRL		mg/kg dry	28.0		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.0		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.0		BRL				50
Surrogate: 1-Chlorooctadecane	*2.04*		mg/kg dry		*3.51*		*58*	*50-150*		
Matrix Spike (7110300-MS1) **Source: SA70438-02**										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
C9-C36 Aliphatic Hydrocarbons	81.6		mg/kg dry	14.3	100	BRL	81	50-150		
Surrogate: 1-Chlorooctadecane	*2.42*		mg/kg dry		*3.58*		*68*	*50-150*		
Matrix Spike Dup (7110300-MSD1) **Source: SA70438-02**										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
C9-C36 Aliphatic Hydrocarbons	80.3		mg/kg dry	14.2	99.5	BRL	81	50-150	0.8	30
Surrogate: 1-Chlorooctadecane	*2.21*		mg/kg dry		*3.55*		*62*	*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 7110346 - SW846 3050B										
Blank (7110346-BLK1)										
Prepared: 05-Nov-07 Analyzed: 09-Nov-07										
Selenium	BRL		mg/kg wet	1.48						
Lead	BRL		mg/kg wet	1.48						
Arsenic	BRL		mg/kg wet	1.48						
Cadmium	BRL		mg/kg wet	0.493						
Silver	BRL		mg/kg wet	1.48						
Chromium	BRL		mg/kg wet	0.986						
Barium	BRL		mg/kg wet	0.986						
Duplicate (7110346-DUP1) Source: SA70198-01										
Prepared: 05-Nov-07 Analyzed: 09-Nov-07										
Selenium	1.27	J	mg/kg dry	1.80		1.39			9	20
Lead	130		mg/kg dry	1.80		154			17	20
Arsenic	6.18		mg/kg dry	1.80		6.40			3	20
Cadmium	0.366	J	mg/kg dry	0.600		0.423			14	20
Silver	4.55		mg/kg dry	1.80		4.99			9	20
Chromium	42.9		mg/kg dry	1.20		44.3			3	20
Barium	253		mg/kg dry	1.20		268			6	20
Matrix Spike (7110346-MS1) Source: SA70198-02										
Prepared: 05-Nov-07 Analyzed: 09-Nov-07										
Lead	9.91	QM8	mg/kg dry	1.83	153	11.5	-1	75-125		
Selenium	1.06	QM8	mg/kg dry	1.83	153	1.46	-0.3	75-125		
Silver	4.86	QM9	mg/kg dry	1.83	153	5.46	-0.4	75-125		
Arsenic	6.82	QM8	mg/kg dry	1.83	153	7.43	-0.4	75-125		
Chromium	44.5	QM8	mg/kg dry	1.22	153	47.2	-2	75-125		
Cadmium	0.232	QM8	mg/kg dry	0.610	153	0.215	0.01	75-125		
Barium	248	QM8	mg/kg dry	1.22	153	284	-23	75-125		
Matrix Spike Dup (7110346-MSD1) Source: SA70198-02										
Prepared: 05-Nov-07 Analyzed: 09-Nov-07										
Selenium	127	QR7	mg/kg dry	1.88	157	1.46	80	75-125	197	35
Lead	140	QR7	mg/kg dry	1.88	157	11.5	82	75-125	174	35
Arsenic	140	QR7	mg/kg dry	1.88	157	7.43	85	75-125	181	35
Silver	138	QR7	mg/kg dry	1.88	157	5.46	85	75-125	186	35
Chromium	181	QR7	mg/kg dry	1.25	157	47.2	86	75-125	121	35
Cadmium	128	QR7	mg/kg dry	0.627	157	0.215	82	75-125	199	35
Barium	408	QR7	mg/kg dry	1.25	157	284	80	75-125	49	35
Post Spike (7110346-PS1) Source: SA70198-02										
Prepared: 05-Nov-07 Analyzed: 09-Nov-07										
Lead	283		mg/kg dry	1.94	323	11.5	84	80-120		
Selenium	264		mg/kg dry	1.94	323	1.46	81	80-120		
Arsenic	288		mg/kg dry	1.94	323	7.43	87	80-120		
Cadmium	261		mg/kg dry	0.647	323	0.215	81	80-120		
Chromium	325		mg/kg dry	1.29	323	47.2	86	80-120		
Barium	586		mg/kg dry	1.29	323	284	94	80-120		
Reference (7110346-SRM1)										
Prepared: 05-Nov-07 Analyzed: 09-Nov-07										
Selenium	74.8		mg/kg wet	1.50	79.8		94	77.4-122.6		
Lead	44.6		mg/kg wet	1.50	45.8		97	81.8-118.1		
Silver	42.4		mg/kg wet	1.50	42.0		101	66.3-133.6		

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 7110346 - SW846 3050B										
Reference (7110346-SRM1)										
Prepared: 05-Nov-07 Analyzed: 09-Nov-07										
Arsenic	44.9		mg/kg wet	1.50	45.7		98	80.9-119.4		
Cadmium	30.6		mg/kg wet	0.500	32.4		94	82.1-117.9		
Chromium	46.6		mg/kg wet	1.00	50.4		92	78.9-120.5		
Barium	224		mg/kg wet	1.00	220		102	82.7-117.3		
Reference (7110346-SRM2)										
Prepared: 05-Nov-07 Analyzed: 09-Nov-07										
Selenium	74.0		mg/kg wet	1.50	78.5		94	77.4-122.6		
Lead	44.4		mg/kg wet	1.50	45.0		99	81.8-118.1		
Chromium	45.6		mg/kg wet	1.00	49.6		92	78.9-120.5		
Silver	41.4		mg/kg wet	1.50	41.3		100	66.3-133.6		
Cadmium	29.8		mg/kg wet	0.500	31.9		94	82.1-117.9		
Arsenic	45.0		mg/kg wet	1.50	45.0		100	80.9-119.4		
Barium	227		mg/kg wet	1.00	216		105	82.7-117.3		
Batch 7110348 - EPA200/SW7000 Series										
Blank (7110348-BLK1)										
Prepared: 05-Nov-07 Analyzed: 07-Nov-07										
Mercury	BRL		mg/kg wet	0.0289						
Duplicate (7110348-DUP1) **Source: SA70198-01**										
Prepared: 05-Nov-07 Analyzed: 07-Nov-07										
Mercury	0.0824	QR6	mg/kg dry	0.0376		0.0407			68	20
Matrix Spike (7110348-MS1) **Source: SA70198-02**										
Prepared: 05-Nov-07 Analyzed: 07-Nov-07										
Mercury	0.422		mg/kg dry	0.0377	0.523	BRL	81	75-125		
Matrix Spike Dup (7110348-MSD1) **Source: SA70198-02**										
Prepared: 05-Nov-07 Analyzed: 07-Nov-07										
Mercury	0.405		mg/kg dry	0.0369	0.512	BRL	79	75-125	4	35
Reference (7110348-SRM1)										
Prepared: 05-Nov-07 Analyzed: 07-Nov-07										
Mercury	1.10		mg/kg wet	0.0300	1.18		94	66-132.7		
Batch 7110356 - SW846 3050B										
Blank (7110356-BLK1)										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
Lead	BRL		mg/kg wet	1.47						
Selenium	BRL		mg/kg wet	1.47						
Silver	BRL		mg/kg wet	1.47						
Arsenic	BRL		mg/kg wet	1.47						
Chromium	BRL		mg/kg wet	0.982						
Cadmium	BRL		mg/kg wet	0.491						
Barium	BRL		mg/kg wet	0.982						
Duplicate (7110356-DUP1) **Source: SA70198-21**										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
Selenium	0.689	J	mg/kg dry	1.90		0.738			7	20
Lead	14.2		mg/kg dry	1.90		14.1			0.9	20
Chromium	48.5		mg/kg dry	1.26		49.1			1	20
Cadmium	0.708		mg/kg dry	0.632		0.802			12	20

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 7110356 - SW846 3050B										
Duplicate (7110356-DUP1) **Source: SA70198-21**										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
Silver	3.26		mg/kg dry	1.90		3.12			4	20
Arsenic	3.55		mg/kg dry	1.90		4.14			15	20
Barium	257		mg/kg dry	1.26		286			11	20
Matrix Spike (7110356-MS1) **Source: SA70198-22**										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
Lead	192		mg/kg dry	1.89	158	40.9	96	75-125		
Selenium	133		mg/kg dry	1.89	158	0.636	84	75-125		
Silver	80.9	QM8	mg/kg dry	1.89	158	2.15	50	75-125		
Chromium	166		mg/kg dry	1.26	158	29.5	86	75-125		
Arsenic	132		mg/kg dry	1.89	158	3.58	82	75-125		
Cadmium	141		mg/kg dry	0.631	158	0.654	89	75-125		
Barium	420		mg/kg dry	1.26	158	253	105	75-125		
Matrix Spike Dup (7110356-MSD1) **Source: SA70198-22**										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
Selenium	111		mg/kg dry	1.64	136	0.636	81	75-125	18	35
Lead	166		mg/kg dry	1.64	136	40.9	92	75-125	14	35
Cadmium	118		mg/kg dry	0.545	136	0.654	86	75-125	18	35
Silver	48.1	QM8, QR7	mg/kg dry	1.64	136	2.15	34	75-125	51	35
Arsenic	111		mg/kg dry	1.64	136	3.58	79	75-125	17	35
Chromium	142		mg/kg dry	1.09	136	29.5	82	75-125	15	35
Barium	370		mg/kg dry	1.09	136	253	86	75-125	12	35
Post Spike (7110356-PS1) **Source: SA70198-22**										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
Selenium	137		mg/kg dry	1.83	152	0.636	89	80-120		
Silver	142		mg/kg dry	1.83	152	2.15	92	80-120		
Chromium	156		mg/kg dry	1.22	152	29.5	83	80-120		
Arsenic	136		mg/kg dry	1.83	152	3.58	87	80-120		
Cadmium	143		mg/kg dry	0.610	152	0.654	93	80-120		
Reference (7110356-SRM1)										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
Lead	42.1		mg/kg wet	1.50	45.0		94	81.8-118.1		
Selenium	74.0		mg/kg wet	1.50	78.4		94	77.4-122.6		
Arsenic	41.0		mg/kg wet	1.50	44.9		91	80.9-119.4		
Cadmium	31.1		mg/kg wet	0.500	31.9		98	82.1-117.9		
Silver	36.2		mg/kg wet	1.50	41.3		88	66.3-133.6		
Chromium	45.0		mg/kg wet	1.00	49.5		91	78.9-120.5		
Barium	207		mg/kg wet	1.00	216		96	82.7-117.3		
Reference (7110356-SRM2)										
Prepared: 05-Nov-07 Analyzed: 06-Nov-07										
Selenium	75.0		mg/kg wet	1.50	77.6		97	77.4-122.6		
Lead	43.0		mg/kg wet	1.50	44.5		96	81.8-118.1		
Arsenic	41.8		mg/kg wet	1.50	44.5		94	80.9-119.4		
Cadmium	31.7		mg/kg wet	0.500	31.6		100	82.1-117.9		
Chromium	45.8		mg/kg wet	1.00	49.0		93	78.9-120.5		
Silver	35.1		mg/kg wet	1.50	40.9		86	66.3-133.6		
Barium	209		mg/kg wet	1.00	214		98	82.7-117.3		

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 7110357 - EPA200/SW7000 Series										
Blank (7110357-BLK1)										
Prepared: 05-Nov-07 Analyzed: 07-Nov-07										
Mercury	BRL		mg/kg wet	0.0279						
Duplicate (7110357-DUP1) **Source: SA70198-21**										
Prepared: 05-Nov-07 Analyzed: 07-Nov-07										
Mercury	BRL		mg/kg dry	0.0431		BRL				20
Matrix Spike (7110357-MS1) **Source: SA70198-22**										
Prepared: 05-Nov-07 Analyzed: 07-Nov-07										
Mercury	0.409		mg/kg dry	0.0348	0.483	0.0257	79	75-125		
Matrix Spike Dup (7110357-MSD1) **Source: SA70198-22**										
Prepared: 05-Nov-07 Analyzed: 07-Nov-07										
Mercury	0.395	QM9	mg/kg dry	0.0364	0.506	0.0257	73	75-125	3	35
Reference (7110357-SRM1)										
Prepared: 05-Nov-07 Analyzed: 07-Nov-07										
Mercury	1.14		mg/kg wet	0.0300	1.13		101	66-132.7		

TCLP Metals by EPA 1311 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7120331 - SW846 3010A										
Blank (7120331-BLK1)										
Prepared: 06-Dec-07 Analyzed: 07-Dec-07										
Lead	BRL		mg/l	0.0150						
Barium	0.0182	QB1	mg/l	0.0100						
LCS (7120331-BS1)										
Prepared: 06-Dec-07 Analyzed: 07-Dec-07										
Lead	2.45		mg/l	0.0150	2.50		98	69.1-118		
Barium	2.30		mg/l	0.0100	2.50		92	69.9-123		
LCS Dup (7120331-BSD1)										
Prepared: 06-Dec-07 Analyzed: 07-Dec-07										
Lead	2.50		mg/l	0.0150	2.50		100	69.1-118	2	20
Barium	2.39		mg/l	0.0100	2.50		96	69.9-123	4	20
Duplicate (7120331-DUP1) **Source: SA70198-11**										
Prepared: 06-Dec-07 Analyzed: 07-Dec-07										
Lead	0.0707	QR6	mg/l	0.0150		0.299			123	20
Barium	0.676	QR6	mg/l	0.0100		0.933			32	20
Matrix Spike (7120331-MS1) **Source: SA70198-04**										
Prepared: 06-Dec-07 Analyzed: 07-Dec-07										
Lead	2.76		mg/l	0.0150	2.50	0.163	104	68.2-118		
Barium	3.36		mg/l	0.0100	2.50	0.902	98	74.1-118		
Matrix Spike Dup (7120331-MSD1) **Source: SA70198-04**										
Prepared: 06-Dec-07 Analyzed: 07-Dec-07										
Lead	2.66		mg/l	0.0150	2.50	0.163	100	68.2-118	3	20
Barium	3.38		mg/l	0.0100	2.50	0.902	99	74.1-118	0.7	20
Post Spike (7120331-PS1) **Source: SA70198-04**										
Prepared: 06-Dec-07 Analyzed: 07-Dec-07										
Lead	2.65		mg/l	0.0150	2.50	0.163	99	70.9-116		
Barium	3.27		mg/l	0.0100	2.50	0.902	95	75.9-118		

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 7120352 - SW846 3010A										
Blank (7120352-BLK1)										
Prepared: 06-Dec-07 Analyzed: 07-Dec-07										
Lead	BRL		mg/l	0.0150						
Barium	BRL		mg/l	0.0100						
LCS (7120352-BS1)										
Prepared: 06-Dec-07 Analyzed: 07-Dec-07										
Lead	2.41		mg/l	0.0150	2.50		96	82.2-105		
Barium	2.49		mg/l	0.0100	2.50		99	83.4-116		
LCS Dup (7120352-BSD1)										
Prepared: 06-Dec-07 Analyzed: 07-Dec-07										
Lead	2.29		mg/l	0.0150	2.50		92	82.2-105	5	20
Barium	2.35		mg/l	0.0100	2.50		94	83.4-116	6	20
Duplicate (7120352-DUP1) Source: SA70198-11										
Prepared: 06-Dec-07 Analyzed: 07-Dec-07										
Lead	0.0112	J,QR8	mg/l	0.0150		0.0184			49	20
Barium	0.112	QR6	mg/l	0.0100		0.0699			46	20
Matrix Spike (7120352-MS1) Source: SA71717-01										
Prepared: 06-Dec-07 Analyzed: 07-Dec-07										
Lead	2.40		mg/l	0.0150	2.50	BRL	96	81.9-105		
Barium	2.45		mg/l	0.0100	2.50	BRL	98	81.4-117		
Matrix Spike Dup (7120352-MSD1) Source: SA71717-01										
Prepared: 06-Dec-07 Analyzed: 07-Dec-07										
Lead	2.37		mg/l	0.0150	2.50	BRL	95	81.9-105	1	35
Barium	2.46		mg/l	0.0100	2.50	BRL	99	81.4-117	0.6	35
Post Spike (7120352-PS1) Source: SA71717-01										
Prepared: 06-Dec-07 Analyzed: 07-Dec-07										
Lead	2.44		mg/l	0.0150	2.50	BRL	98	85.9-104		
Barium	2.56		mg/l	0.0100	2.50	BRL	102	81.8-118		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7110226 - General Preparation										
Duplicate (7110226-DUP1) Source: SA70180-01										
Prepared & Analyzed: 02-Nov-07										
% Solids	86.2		%			86.3			0.1	20
Batch 7110229 - General Preparation										
Duplicate (7110229-DUP1) Source: SA70198-01										
Prepared & Analyzed: 02-Nov-07										
% Solids	69.8		%			70.3			0.7	20

Notes and Definitions

QB1	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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 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.
QR7	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for batch duplicate.
QR8	Analyses are not controlled on RPD values from sample concentrations that are less than5 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.
VOC6	The production of Acetone and other ketones is commonly seen when using the 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
NR	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, waste automobile oil and hydraulic 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 with99% 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.

Validated by:
Hanibal C. Tayeh, Ph.D.
Kim Wisk
Nicole Brown

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA
Client: Tetra Tech Rizzo - Hartford, CT
Project Location: 642 New Park - West Hartford, CT
Project Number: 12701187
Sampling Date(s):
23-Oct-07 24-Oct-07
Laboratory Sample ID(s):
SA70198-01 through SA70198-22

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
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 (4° C ± 2°)?	☑ 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 ☑ No ☐ Yes ☐ 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 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: 12/7/2007

SPECTRUM ANALYTICAL INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 3

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

Report To: Tetra Tech
150 Trumbull St 4th Floor
Hartford, CT 06103

Invoice To: Same

Project Mgr.: David Brassard

P.O. No.: _____ RQN: _____

Project No.: 12701187
Site Name: 642 New Park
Location: West Hartford State: CT
Sampler(s): Patrick de Paula

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=_____

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	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	ETPH	VOC 8260	RCRA Metals	PCBs	SVOCs	TCLP/SPLP Phenol Ba		
[illegible]	RSB-16 (2-4)	[illegible]	[illegible]	G	So	7n	3	2			X	X	X	X	X	X		
	RSB-2 (0-4)	[illegible]	[illegible]					2						X	X			
	RSB-1 (0-4)	[illegible]	[illegible]					2						X	X			
	RSB-12A (4-8)	[illegible]	[illegible]					2								X		
	RSB-5 (0-4)	[illegible]	[illegible]					2						X	X			
	RSB-3 (4-8)	[illegible]	[illegible]					2										
	RSB-10 (2-4)	[illegible]	[illegible]					2							X			
	RSB-14 (2-4)	[illegible]	[illegible]					2						X	X			
	RSB-9 (2-4)	[illegible]	[illegible]					2										
	RSB-MW (2-8)	[illegible]	[illegible]					2										

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

Analyses: ETPH, VOC 8260, RCRA Metals, PCBs, SVOCs, TCLP/SPLP Phenol Ba

QA Reporting Notes: (check if needed)
State specific reporting standards
If applicable, please list below:
☐ Provide MCP CAM Report
Were all field QC requirements met as per MADEP CAM Section 2.0?
☐ Yes ☐ No
(Response required for CAM report)

- Please Provide RCP Report
- Please meet CT Standards

added Phenol Bar 11/4

☐ Fax results when available to ( )
☒ E-mail to [illegible]@tetratech.com
EDD Format

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 5.9

Relinquished by:	Received by:	Date:	Time:
Patrick de Paula	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

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: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Tetra Tech
150 Trumbull St 4th Floor
Hartford, CT 06103

Project Mgr.: David Brassard

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 112-01101
Site Name: 642 New Park
Location: West Hartford State: CT
Sampler(s): Patrick de Paula

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=_____

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	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	ETPH	VOC 8260	RCRA Metals	PCBs	SVOCs	TCLP/RCRA Pesticides		
	RSB-4 (0-2)	10/13	[illegible]	G	Soil	[illegible]	3	2			X	X	X	X	X	X		
	RSB-8 (0-4)	↓	[illegible]	↓	↓	↓	↓	3			↓	↓	↓	X	X			
	RSB-4 (4-8)		[illegible]					2										
	RSB-11 (0-2)		[illegible]					2								X		
	RSB-4 (8-12)		[illegible]					2										
	RSB-9 (0-2)		[illegible]					2							X			
	RSB-7 (0-2)	↓	[illegible]					2										
	RSB-10 (0-2)	10/14	[illegible]					2						X	X			
	RSB-6 (2-4)	10/13	[illegible]					2										
	RSB-15 (2-4)	10/14	[illegible]	↓	↓	↓	↓	2			↓	↓	↓					

QA Reporting Notes: (check if needed)

State specific reporting standards
If applicable, please list below:

☐ Provide MCP CAM Report
Were all field QC requirements met as per MADEP CAM Section 2.0?
☐ Yes ☐ No
(Response required for CAM report)

- Please provide RCP Report
- Please meet CT Standards
- [illegible] not added Per client [illegible] 10/14

☐ Fax results when available to (_____)
☒ E-mail to [illegible] patrick.de.paula@tetratech.com
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 4.9 Fridge

Relinquished by:	Received by:	Date:	Time:
Patrick de Paula	[illegible]	10/26/13	11:07
[illegible]	[illegible]	10/26/13	1515

SA70198 Ck

SPECTRUM ANALYTICAL, INC.
Teaming
HANDIAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 3

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

Report To: Tetra Tech
150 Trumbull St. 4th Floor
Hartford, CT 06103

Project Mgr.: Paul Brassard

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 127-01187
Site Name: 642 New Park
Location: West Hartford State: CT
Sampler(s): Patrick de Paula

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=_____

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	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		PCBs	SVOC	VOC 8260	ETPH	RCRA metals				QA Reporting Notes:
SA70198-21	RSB-13(0-2)	10/24	19:55	G	SO	7/1	3	2				X	X	X	X	X				· Please provide
22	RSB-12 (4-8)	10/24	18:55	L	↓	↓	3	1				X	X	X	X	X				RCP Report
																				· Please meet CT Standards
																				please see attached

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic
Analyses: PCBs, SVOC, VOC 8260, ETPH, RCRA metals

State specific reporting standards *If applicable, please list below:*
_____
☐ Provide MCP CAM Report
Were all field QC requirements met as per MADEP CAM Section 2.0?
☐ Yes ☐ No
(Response required for CAM report)

☐ Fax results when available to (_____)
☒ E-mail to david.brassard@tetratech.com
petrick.de paula@tetratech.com
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 5.9 Fridge

Relinquished by:	Received by:	Date:	Time:
Patrick de Paula	[signature]	10-26-07	1147
[signature]	[signature]	10-26-07	1515