Task 210 - Subsurface Site Investigation
DOT Project 171-305
DOT Assignment 403-3526

New Britain - Hartford Busway
Station 332+00 through 450+00 (Hartford South)

Hartford and West Hartford, Connecticut

Submitted to:
Connecticut Department of Transportation
Division of Environmental Compliance
2800 Berlin Turnpike
Newington, Connecticut

March 23, 2009

TETRA TECH RIZZO

March 23, 2009

Mr. Gregory M. Dorosh, P.E.
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Attention: Ms. Judith Nemecek / Ms. Amie Maines

Re: Task 210 - Subsurface Site Investigation
DOT Project 171-305
DOT Assignment 403-3526
TtR 127-17797-08010
New Britain - Hartford Busway
Station 332+00 through 450+00 (Hartford South)
Hartford and West Hartford, Connecticut

Dear Mr. Dorosh:

Tetra Tech Rizzo (Tetra Tech) is pleased to submit this report summarizing the conduct and findings of the Task 210 – Subsurface Site Investigation conducted at the proposed location of the Bus Route along the Amtrak rail line in Hartford and West Hartford, Connecticut (hereinafter referred to as the "Project"). This report was prepared to evaluate the Project for evidence of a release of oil and/or hazardous materials. To this end, the Regulations of the Connecticut State Agencies Sections 22a-133k-1 through 3, the Remediation Standard Regulations (RSRs) were utilized to characterize soil and groundwater quality at the Project area. This investigation included the advancement of 51 soil borings and the collection and analysis of 52 soil samples. Groundwater was only encountered in a few locations and one groundwater sample was collected.

The results and recommendations are presented in the attached report. Please contact us if you have any questions concerning this report.

Very truly yours,

Rachel H. Rindfleisch
Environmental Scientist

David T. Williams, CPG, LEP
Project Manager

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1.0 Introduction

On behalf of the Connecticut Department of Transportation (CT DOT), Tetra Tech Rizzo (Tetra Tech) developed this Task 210 - Subsurface Site Investigation for a portion of the New Britain-Hartford Busway along the active Amtrak line in West Hartford and Hartford, Connecticut (CT DOT Project No. 171-305), from Station 332+00 to 450+00 and commonly known as the Hartford South.

The overall Busway project has been broken into four separate contracts. This subsurface site investigation report pertains to the West Hartford/Hartford contract, from station 332+00 to 450+00. The general location of this section is shown in **Figure 1**.

The object of this investigation was to verify the presence or absence of subsurface contamination within the construction limits in locations along the rail line and to establish areas of environmental concern (AOEC). Soil and groundwater analytical data collected during the investigation are compared to the criteria prescribed in the Connecticut Remediation Standard Regulations (RSRs) (Regulations of the Connecticut State Agencies Sections 22a-133k-1 through 3 and 22a-133q-1). The project area is not considered an "Establishment" as defined under Connecticut General Statutes 22a-134 to 134(d), as amended (Connecticut Transfer Act) and therefore, the RSRs are used indirectly to assess the environmental quality of soil and groundwater and not used to assess regulatory compliance.

1.1 Project Description

The Busway will be a Bus Rapid Transit (BRT) facility along a 9.4-mile corridor between downtown New Britain and downtown Hartford. The Busway project will include associated improvements to the transit and transportation system that are necessary to make the busway possible. The recommended corridor for the busway follows an abandoned railroad right-of-way from New Britain to approximately 2,000 feet south of Newington Junction (a distance of approximately 4.4 miles). From this point north, the busway corridor lies within the active Amtrak railroad right-of-way and is, for the most part, parallel to the active Amtrak rail line (a distance of approximately 5.0 miles).

Plans depicting the proposed construction and soil boring locations are presented as **Drawings ENV-B1 through ENV-B12**.

Groundwater at the Project is split into two different classifications. From approximately station 420+00 to 438+00 the groundwater is classified by the Connecticut Department of Environmental Protection (DEP) as GA, indicating that groundwater is within the area of influence of private and potential public water supply wells that is presumed suitable for direct human consumption. The state's goal is to maintain that condition by banning almost all discharges to the groundwater. The remainder of the Project (Station 332+00 to 420+00 and 438+00 to 450+00) is classified as GB.

GB groundwater is groundwater within a historically highly urbanized area or an area of intense industrial activities where public water supply service is available. Such groundwater may not be suitable for human consumption without treatment due to waste discharges, spills or leaks of chemicals or land use impacts. Analytical data summarized in this report is compared to the applicable RSR criteria.

The DEP's Geographical Information Systems database (DEP, 2005) indicates that soil in the vicinity of the Project area is classified as fines. The DEP's database also indicates that the bedrock underlying the Project area is mapped as the Portland Arkose, a reddish-brown sandstone (brownstone).

The closest major body of surface water is Trout Brook, classified by the DEP's "Water Quality Standards" (DEP, effective December 17, 2002) as B/A which indicates the surface water does not meet designated uses assigned to Class B waters due to point or non-point sources of pollution. Trout Brook joins with South Branch Park River and Piper Brook, classified C/B and B, respectively.

1.2 Previous Investigations

A number of Task 120-Preliminary Site Investigations, a Task 220- Exploratory Site Investigation and Task 210 – Subsurface Site Investigations have been completed for the busway project. Previous investigations completed along the busway in the vicinity of the Project include:

- Maguire Group, Inc. *Corridor Study Amtrak Adjacent Property Summary New Britain-Hartford Busway Connecticut.* January 2006.
- Baker Engineering NY, Inc. *Task 120 –Preliminary Site Evaluation Park Street Station Hartford, Connecticut.* November 2003
- Maguire Group, Inc. *Task 120-Preliminary Site Evaluation 457 New Park Avenue West Hartford, Connecticut.* September 6, 2006.
- Maguire Group, Inc. *Task 120-Preliminary Site Evaluation 470 New Park Avenue West Hartford, Connecticut.* September 12, 2006.
- Maguire Group, Inc. *Task 220-Exploratory Site Investigation Flatbush Station, 470 New Park Avenue West Hartford, Connecticut.* January 11, 2007
- Maguire Group, Inc. *Task 210-Subsurface Site Investigation 569 to 583 Flatbush Avenue Hartford & West Hartford, Connecticut.* January 16, 2007.

- Tetra Tech Rizzo, Inc. *Task 210-Subsurface Site Investigation Flatbush Avenue Bridge Project West Hartford & Hartford, Connecticut.* February 16, 2009

The Project is located along the train tracks from New Britain to Hartford, Connecticut. Potential on-site contaminant sources including creosote soaked railroad ties and other anthropogenic soil and fill material associated with current and past land use practices.

Potential off-site contaminant sources include documented petroleum releases and other land use activities which occurred on those properties previously investigated.

1.3 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 DOT for use in an environmental evaluation of the Project.

2.0 Applicable RSR Criteria Overview

2.1 Soil

Based on the Connecticut Remediation Standard Regulations, soil at a potential release area is in compliance if soil meets (A) the default Direct Exposure Criteria (DEC) or an alternative DEC and (B) the default Pollutant Mobility Criteria (PMC) or an alternative PMC.

2.1.1 Direct Exposure Criteria

The DECs 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 (I/C-DEC) and residential (Res-DEC). For application of the DEC all projects must meet the Res DEC, unless an Environmental Land Use Restriction (ELUR) prohibiting residential use of the parcel is recorded on the land records

2.1.2 Pollutant Mobility Criteria

The PMC were established to identify the potential risk to groundwater represented by contaminants leaching from soil located above the water table. The PMC differ depending upon the groundwater classification of the area (GA versus GB). The groundwater classification for the majority of the subject project is GB. A small portion is within GA classified groundwater areas. Therefore, the Project must comply with the GB PMC for those borings within the GB area and the GA PMC for those borings located within the GA area.

2.2 Groundwater

Groundwater was encountered in three locations, only one location above 8 fbg.

Groundwater beneath the Site predominately is classified by the DEP as GB. According to the DEP, GB classified groundwater may not be suitable for direct human consumption without treatment due to waste discharges, spills or leaks of chemicals, or other land use impacts. This Task 210 Subsurface Site Investigation was prepared in accordance with the applicable RSR criteria.

2.2.1 Surface Water Protection Criteria (SWPC)

The SWPC was established to protect the quality of surface waters for which groundwater discharges to. Trout Brook, which runs west to east beneath the Project, is a class B/A water body. Just North of New Britain Avenue, Trout Brook joins South Branch Park River and Piper Brook, classified as C/B and B respectively.

3.0 Scope of Investigation

Project activities were conducted on December 5, December 8-10, and December 15, 2008, and January 21-22 and February 24, 2009. The investigation included the advancement of 51 soil borings, and the collection and analysis of 52 soil samples.

3.1 Drilling

Soil borings were advanced across the Project area to characterize soil and groundwater and assess potential environmental impacts along the corridor in areas where drainage features or other utilities were planned, and in the vicinity of potential off-site sources of contamination. New England Boring Contractors of Glastonbury, Connecticut was retained to provide the services of a Geoprobe® which advanced a 4-foot long by 2-inch diameter Macro-Core® sampling devise fitted with disposable, polyethylene sample tubes to the applicable depths. Field work was supervised by a Tetra Tech environmental engineer. Boring locations are shown on Drawings ENV-B1 through ENV-B12. Soil borings were advanced to a maximum depth of 16 feet below grade (fbg) Boring logs describing the subsurface materials encountered in each soil boring are included in **Appendix B**.

3.2 Soil Sampling and Field Screening

Soil samples were collected from each soil boring, from the surface to a depth of 8 fbg in all borings but RSB-2, which continued to a depth of 12 fbg, and RSB-5 which continued to 16 fbg. Soil samples were screened for the presence of Volatile Organic Compounds (VOCs) using a

photo-ionization detector (PID). Soil samples were collected for analysis based upon field screening results, field observations (i.e., staining and/or odors) and spatial coverage. Soil samples collected for VOC analysis were collected in accordance with the DEP's "Guidance for Collecting and Preserving Soil and Sediment Samples for Laboratory Determination of Volatile Organic Compounds" (DEP, March 2006).

All soil samples were collected into pre-cleaned, laboratory-supplied glass containers, stored in ice at 4 degrees Celsius, and transported via laboratory courier to Spectrum Analytical Laboratories of Agawam, Massachusetts for analysis.

Soil Analyses:

Soil samples were collected from each soil boring at depths ranging from 0-12 fbg. Soil samples were analyzed for VOCs by Environmental Protection Agency (EPA) method 5035/8260, Extractable Total Petroleum Hydrocarbons (ETPH) by the Connecticut method, SVOCs by EPA method 8270, herbicides by EPA method 8151, Polychlorinated Biphenyls (PCBs) by EPA method 8082 and mass analysis of the eight Resource Conservation and Recovery Act (RCRA) metals. Additionally, select soil samples were submitted for analysis of leachable analysis of the eight RCRA metals using the Synthetic Precipitation Leaching Procedure (SPLP) method and Toxicity Characteristic Leaching Procedure (TCLP).

4.0 Results of Soil Sampling Analyses

Fifty-two soil samples were collected during this investigation. Laboratory analytical reports and chain-of-custody records are included in **Appendix C**. **Table 1** presents the laboratory results for the soil samples within the GB groundwater are. **Table 1A** presents the laboratory results for the soil samples collected in the GA groundwater area.

Volatile Organic Compounds

A total of 52 soil samples were submitted for VOC analysis. With the exception of the samples collected from RSB-B24 (1-4'), which detected acetone at 89.0 micrograms per kilogram (µg/kg and RSB-B48 (1-4'), which detected tetrachloroethene (201 µg/kg) and carbon tetrachloride (700 µg/kg), which exceeds GB PMC, no VOC's were detected above the laboratory detection limits. The laboratory identifies the detection in RSB-B24 as a possible result of the extraction technique used. A malfunctioning sample storage refrigerator resulted in the detection of dichlorodifluoromethane (Freon 12) in RSB-B44 (4-8') at a concentration of 22.1 µg/kg.

Semi-volatile Organic Compound

A total of 52 soil samples were submitted for SVOC analysis. With the exception of RSB-B10 (1-4') which detected SVOCs above the applicable RSR criteria and RSB-B18 (1-4'), RSB-B21 (1-4') and RSB-A47 which detected SVOCs above the laboratory reporting limits but below the

applicable RSR criteria, SVOCs were not detected above the laboratory reporting limits. SVOCs detected above the applicable RSR criteria in RSB- B10 (1-4') are presented below. See Table 1 for additional information.

Polychlorinated Biphenyls

A total of 52 soil samples were submitted for PCB analysis. No PCBs were detected above the laboratory reporting limits.

Herbicides

A total of 52 soil samples were submitted for herbicide analysis. No herbicides were detected above the laboratory reporting limits

Extractable Total Petroleum Hydrocarbons

A total of 52 soil samples were submitted for ETPH analysis. With the exception of 13 samples which detected ETPH above the laboratory reporting limits but below the RSR criteria, ETPH was not detected above the laboratory detection limits. Detected ETPH concentrations ranged from a low of 32 milligrams per kilogram (mg/kg) in RSB-B19 (1-4') to 164 mg/kg in RSB-B10 (1-4'). For additional information, see Table 1.

Total RCRA 8 Metals

A total of 52 soil samples were submitted for mass analysis of the eight RCRA metals. With the exception of six samples, RSB-B10 (1-4'), RSB-B20 (1-4'), RSB-B21 (1-4'), RSB-B43 (1-4') and RSB-B45 (1-4'), RSB-B48(1-4') which contained concentrations exceeding the applicable RSR criteria, total metals were detected at concentrations that are considered consistent with background levels for the region. Metals exceeding RSR criteria are listed below:

- RSB-B10 (1-4'): Arsenic (10.6 mg/kg)
- RSB-B20 (1-4'): Arsenic (21.9 mg/kg), and mercury (26.0 mg/kg).
- RSB-B21 (1-4'): Arsenic (11.4 mg/kg)
- RSB-B43 (1-4'): Mercury (29.7mg/kg)
- RSB-B45 (1-4') : Arsenic (10.1 mg/kg)
- RSB-B48 (1-4'): Arsenic (12.5 mg/kg)

Leachable (SPLP) RCRA 8 Metals

Seven (7) soil samples were submitted for analysis of the leachability of RCRA metals using the SPLP method. With the exception of mercury detected at a very low concentrations in RSB-B20 (1-4'), leachable metals were not detected above the laboratory reporting limits.

Toxic (TCLP) Metals

Two (2) soil samples were submitted for analysis of toxicity of RCRA metals using the TCLP method. No samples exceeded the applicable RSR criteria, however, RSB-B20 (1-4') detected mercury at a concentration of 0.00064 milligram per liter (mg/L).

5.0 Results of Groundwater Sampling Analyses

With the exception of one location (RSB-B14), groundwater was not encountered above 8 feet. RSB-2 and RSB-5 were both extended to 16 feet and groundwater was encountered at nine and 13 fbg, respectively. No sheen or odors were noted in the groundwater.

A groundwater sample was collected at RSB-2. Arsenic (0.117 mg/l), mercury (0.00584mg/l) and lead (0.939 mg/l) were detected at levels that exceed the SWPC. Barium and chromium were also detected above the laboratory detection limits. Laboratory analytical reports and chain-of-custody records are included in Appendix C. **Table 2** contains the laboratory analytical results for the groundwater sample.

6.0 Quality Assurance/Quality Control

Three quality assurance/quality control (QA/QC) samples were collected during this investigation. Laboratory analytical reports and chain-of-custody records are included in **Appendix C**. **Table 3** contains the laboratory analytical results for the QA/QC samples.

QA/QC samples were collected as trip blanks. Trip blanks are vials of de-ionized water that accompany groundwater VOC samples from the time of sample collection, through the transportation process, to the time of sample analysis. The trip blanks were analyzed for VOCs by EPA method 8260. Trip blanks are used to determine if cross-contamination has occurred during the sample storage and delivery process. The VOC results for all three trip blanks were "non-detect" indicating that cross-contamination had been avoided.

Dichlorodifluoromethane (Freon 12) was detected in 1 of the 52 soil samples analyzed during this investigation and has been attributed to a malfunctioning sample storage refrigerator/freezer. QA/QC data verifying the leak can be found in Appendix C.

7.0 Conclusions

This Task 210 – Subsurface Site Investigation was conducted on December 5, 8-10, 2008, January 21-22, 2009 and February 24, 2009. All project activities were conducted in accordance with industry standards including the DEP's RSRs.

Soil

SVOCs were detected above the applicable RSR criteria in RSB-B10 (1-4'). Arsenic was detected above the applicable RSR criteria in RSB- B10 (1-4'), RSB-B20 (1-4'), RSB-B21 (1-4'), RSB-B45 (1-4') and RSB-B48 (1-4'). Mercury was detected above the applicable RSR criteria in RSB-B20 (1-4') and RSB-B43 (1-4'). Carbon tetrachloride was detected above the applicable RSR criteria in RSB-B48 (1-4'). No other RSR exceedances were identified.

Low-level concentrations of VOCs, ETPH, SVOCs, and RCRA 8 metals (total, leachable and toxic) were detected below the applicable RSR criteria but above the laboratory detection limits in a number of samples.

PCBs and herbicides were not detected in the soil samples analyzed during this investigation.

Groundwater

RCRA 8 metals were detected above applicable RSR criteria for arsenic, mercury and lead in RSB-2.

8.0 Recommendations

Areas where results exceed the RSR criteria should be designated as areas of environmental concern (AOECs). Where contaminated soils are excavated, special handling, disposal and documentation procedures will be required. Soils excavated within an AOEC may be reused as fill/backfill only within the AOEC from which it was excavated. Excess or unsuitable soils that cannot be reused within its AOEC of origin must be transported off-Site for disposal. Task 310 plans and specifications are therefore recommended for the areas of construction within the AOECs.

Areas where results are above the laboratory reporting limits but below RSR criteria should be designated as low level areas of environmental concern (LLAOECs). Soil excavated from a LLAOEC may be reused within the limits of the Project if deemed suitable. If not, then the soil would require off-Site disposal. Task 310 plans and specifications are therefore recommended for the areas of construction within the LLAOECs with consideration for reuse of LLAOEC soil.

With the exception of one location, groundwater was not encountered across the project area above 8 fbg. Based on the presence of metals above the SWPC in the groundwater at RSB-2,

groundwater that may be generated during dewatering operations associated with the Project may need to be managed, treated, and disposed of in accordance with applicable local, state and federal laws. Task 310 plans should address treatment options for potentially contaminated groundwater.

Table 1
Laboratory Soil Results
New Britain-Harford Busway
Hartford South
Tt# 127-17797-08010
DOT Project No. 171-305
DOT Assignment No. 403-3526

Sample Location	CTDEP Remediation Standard Regulations (RSR) Criteria			RSB-B1 (1-4)	RSB-B2 (1-4)	RSB-B3A (1-4)	RSB-B3B (1-4)	RSB-B4 (1-4)	RSB-B5 (1-4)	RSB-B6 (1-4)	RSB-B7 (1-4)	RSB-B8 (1-4)	RSB-B9 (1-4)	RSB-B10 (1-4)
Laboratory ID				SA88555-01	SA88555-02	SA88555-03	SA88555-04	SA88555-05	SA88555-06	SA88555-07	SA88661-01	SA88661-02	SA88661-03	SA88661-04
Sample Date				12/5/2008	12/5/2008	12/5/2008	12/5/2008	12/5/2008	12/5/2008	12/5/2008	12/8/2008	12/8/2008	12/8/2008	12/8/2008
	GB PMC	I/C DEC	Res DEC											
Volatile Organic Compounds (VOCs) by SW846 8260B (µg/kg)														
Acetone	140000	1000000	500000	<71.2	<52.6	<58.4	<61.2	<60.8	<48.2	<57.0	<57.8	<60.4	<65.1	<62.7
Carbon Tetrachloride	100	44000	4700	<7.1	<5.3	<5.8	<6.1	<6.1	<4.8	<5.7	<5.8	<6.0	<6.5	<6.3
Dichlorodifluoromethane (Freon12)	----	----	----	<14.2	<10.5	<11.7	<12.2	<12.2	<9.6	<11.4	<11.6	<12.1	<13.0	<12.5
Tetrachloroethene	1000	110000	12000	<7.1	<5.3	<5.8	<6.1	<6.1	<4.8	<5.7	<5.8	<6.0	<6.5	<6.3
Semi-Volatile Organic Compounds (SVOCs) by SW846 8270C (µg/kg)														
Benzo (a) anthracene	1000	7800	1000	<376	<382	<363	<378	<347	<361	<360	<365	<349	<355	**3560**
Benzo (a) pyrene	1000	1000	1000	<376	<382	<363	<378	<347	<361	<360	<365	<349	<355	**<3540**
Benzo (b) fluoranthene	1000	7800	1000	<376	<382	<363	<378	<347	<361	<360	<365	<349	<355	**<3540**
Benzo (k) fluoranthene	1000	78000	8400	<376	<382	<363	<378	<347	<361	<360	<365	<349	<355	**<3540**
Chrysene	1000	780000	84000	<376	<382	<363	<378	<347	<361	<360	<365	<349	<355	**4150**
Fluoranthene	56000	2500000	1000000	<376	<382	<363	<378	<347	<361	<360	<365	<349	<355	10600
Phenanthrene	40000	2500000	1000000	<376	<382	<363	<378	<347	<361	<360	<365	<349	<355	4990
Pyrene	40000	2500000	1000000	<376	<382	<363	<378	<347	<361	<360	<365	<349	<355	7990
Total RCRA 8 Metals by EPA 6000/7000 Series Methods (mg/kg)														
Arsenic	----	10	10	2.41	<1.55	<1.53	<1.69	1.65	<1.41	<1.48	2.37	2.32	2.32	**10.6**
Barium	----	140000	4700	37.1	30.8	57.0	35.9	36.2	41.1	46.2	33.1	39.2	27.4	32.4
Cadmium	----	1000	34	<0.520	<0.518	<0.510	<0.564	<0.458	<0.469	<0.494	<0.538	<0.506	<0.460	<0.520
Chromium	----	----	----	6.95	7.46	11.9	8.23	8.44	8.27	9.92	8.04	8.45	7.35	8.07
Lead	----	1000	400	41.8	10.7	10.2	3.48	17.2	6.45	9.83	9.72	17.6	11.0	6.85
Mercury	----	610	20	0.123	<0.0323	<0.0322	<0.0341	0.0325	0.0357	0.0316	0.0577	0.0870	0.177	<0.0316
Selenium	----	10000	340	<1.56	1.55	1.97	<1.69	1.41	1.43	1.52	<1.61	<1.52	<1.38	<1.56
SPLP of Metals by EPA 1312 & 6000/7000 Series Methods (mg/L)														
Arsenic	0.5	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0080
Barium	10	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.05	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.5	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Lead	0.15	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0150
Mercury	0.02	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP of Metals by EPA 1311 & 6000/7000 Series Methods (mg/L)														
Mercury	0.02	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) by ETPH Method (mg/kg)														
Total Petroleum Hydrocarbons	2500	2500	500	<15.1	<15.4	<14.6	<15.2	<14.0	<14.5	<14.5	<14.7	55.8	<14.3	164
Polychlorinated Biphenyls (PCBs) by SW846 8082 (µg/kg)														
Total Polychlorinated Biphenyls	----	10,000	1,000	<22.0	<22.2	<21.8	<22.1	<20.6	<21.2	<21.0	<21.7	<20.9	<21.2	<21.0
Chlorinated Herbicides by SW846 8151A (µg/kg)														
Chlorinated Herbicides	Varies	Varies	Varies	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)

Abbreviations:
Bold font denotes an exceedance of the RSRs
NA = not analyzed
---- = RSR criteria not established
< = Concentration less than the laboratory reportable detection limits
ETPH = Extractable Total Petroleum Hydrocarbons
BRL = Below Laboratory Reportable Detection Limits
SPLP = Synthetic Precipitation Leaching Procedure
I/C DEC = Industrial/Commercial Direct Exposure Criteria
RES DEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for a GA groundwater designation
GB PMC = Pollutant Mobility Criteria for a GB groundwater designation
CTDEP = Connecticut Department of Environmental Protection
RCRA = Resource Conservation and Recovery Act
mg/kg = milligrams /kilogram or parts per million
µg/kg= micrograms/kilogram or parts per billion
mg/L = milligrams/liter or parts per million
(var) = Variable Laboratory Detection Limit
VOC6 = the production of Acetone and other ketones is commonly seen when using the SW 846 5035A extraction

Notes:
1. Analytes listed when detected in at least one sample

Table 1
Laboratory Soil Results
New Britain-Harford Busway
Hartford South
T# 127-17797-08010
DOT Project No. 171-305
DOT Assignment No. 403-3526

Sample Location Laboratory ID Sample Date	CTDEP Remediation Standard Regulations (RSR) Criteria GB PMC	I/C DEC	Res DEC	RSB-B11 (1-4) SA88661-05 12/8/2008	RSB-B12 (1-4) SA88675-01 12/9/2008	RSB-B13 (1-4) SA88675-02 12/9/2008	RSB-B14 (1-4) SA88675-03 12/9/2008	RSB-B15 (1-4) SA88675-04 12/9/2008	RSB-B16 (1-4) SA88675-05 12/9/2008	RSB-B17 (1-4) SA88675-06 12/9/2008	RSB-B18 (1-4) SA88675-07 12/9/2008	RSB-B19 (1-4) SA88675-08 12/9/2008	RSB-B20 (1-4) SA88675-09 12/9/2008	RSB-B21 (1-4) SA88675-10 12/9/2008
Volatile Organic Compounds (VOCs) by SW846 8260B (µg/kg)														
Acetone	140000	1000000	500000	<53.2	<56.6	<53.4	<64.4	<57.9	<67.9	<62.8	<61.0	<57.8	<51.8	<54.3
Carbon Tetrachloride	100	44000	4700	<5.3	<5.7	<5.3	<6.4	<5.8	<6.8	<6.3	<6.1	<5.8	<5.2	<5.4
Dichlorodifluoromethane (Freon12)	----	----	----	<10.6	<11.3	<10.7	<12.9	<11.6	<13.6	<12.6	<12.2	<11.6	<10.4	<10.9
Tetrachloroethene	1000	110000	12000	<5.3	<5.7	<5.3	<6.4	<5.8	<6.8	<6.3	<6.1	<5.8	<5.2	<5.4
Semi-Volatile Organic Compounds (SVOCs) by SW846 8270C (µg/kg)														
Benzo (a) anthracene	1000	7800	1000	<362	<364	<353	<348	<359	<377	<368	<352	<377	<355	<362
Benzo (a) pyrene	1000	1000	1000	<362	<364	<353	<348	<359	<377	<368	<352	<377	<355	369
Benzo (b) fluoranthene	1000	7800	1000	<362	<364	<353	<348	<359	<377	<368	352	<377	<355	558
Benzo (k) fluoranthene	1000	78000	8400	<362	<364	<353	<348	<359	<377	<368	<352	<377	<355	468
Chrysene	1000	780000	84000	<362	<364	<353	<348	<359	<377	<368	<352	<377	<355	470
Fluoranthene	56000	2500000	1000000	<362	<364	<353	<348	<359	<377	<368	532	<377	<355	581
Phenanthrene	40000	2500000	1000000	<362	<364	<353	<348	<359	<377	<368	<352	<377	<355	<362
Pyrene	40000	2500000	1000000	<362	<364	<353	<348	<359	<377	<368	426	<377	<355	583
Total RCRA 8 Metals by EPA 6000/7000 Series Methods (mg/kg)														
Arsenic	----	10	10	<1.49	<1.45	2.04	<1.53	1.72	2.24	1.97	4.90	4.34	**21.9**	**11.4**
Barium	----	140000	4700	27.9	27.2	29.5	30.5	36.3	41.0	38.5	36.5	76.5	43.2	56.8
Cadmium	----	1000	34	<0.495	<0.483	<0.528	<0.511	<0.497	<0.523	<0.494	<0.479	<0.527	<0.506	<0.492
Chromium	----	----	----	7.42	7.61	8.04	8.40	8.47	11.9	8.82	10.7	15.1	7.33	13.7
Lead	----	1000	400	5.34	3.46	24.9	10.6	8.70	9.72	19.4	22.7	13.1	55.0	19.5
Mercury	----	610	20	<0.0316	<0.0327	0.0656	<0.0294	0.0420	<0.0318	0.0459	0.106	0.0880	**26.0**	0.180
Selenium	----	10000	340	<1.49	<1.45	<1.59	<1.53	<1.49	<1.57	<1.48	<1.44	<1.58	<1.52	<1.48
SPLP of Metals by EPA 1312 & 6000/7000 Series Methods (mg/L)														
Arsenic	0.5	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0080	<0.0080
Barium	10	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.05	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.5	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Lead	0.15	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0150	<0.0150
Mercury	0.02	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00138	NA
TCLP of Metals by EPA 1311 & 6000/7000 Series Methods (mg/L)														
Mercury	0.02	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00064	NA
Total Petroleum Hydrocarbons (TPH) by ETPH Method (mg/kg)														
Total Petroleum Hydrocarbons	2500	2500	500	<14.6	<14.7	32.5	<14.0	<14.5	<15.2	78.1	82.4	32.0	47.3	45.6
Polychlorinated Biphenyls (PCBs) by SW846 8082 (µg/kg)														
Total Polychlorinated Biphenyls	----	10,000	1,000	<20.7	<21.4	<20.5	<20.3	<21.6	<22.2	<22.5	<20.8	<22.8	<21.4	<21.7
Chlorinated Herbicides by SW846 8151A (µg/kg)														
Chlorinated Herbicides	Varies	Varies	Varies	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)

Abbreviations:
Bold font denotes an exceedance of the RSRs
NA = not analyzed
---- = RSR criteria not established
< = Concentration less than the laboratory reportable detection limits
ETPH = Extractable Total Petroleum Hydrocarbons
BRL = Below Laboratory Reportable Detection Limits
SPLP = Synthetic Precipitation Leaching Procedure
I/C DEC = Industrial/Commercial Direct Exposure Criteria
RES DEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for a GA groundwater designation
GB PMC = Pollutant Mobility Criteria for a GB groundwater designation
CTDEP = Connecticut Department of Environmental Protection
RCRA = Resource Conservation and Recovery Act
mg/kg = milligrams /kilogram or parts per million
µg/kg= micrograms/kilogram or parts per billion
mg/L = milligrams/liter or parts per million
(var) = Variable Laboratory Detection Limit
VOC6 = the production of Acetone and other ketones is commonly seen when using the SW 846 5035A extraction
Notes:
1. Analytes listed when detected in at least one sample

Table 1
Laboratory Soil Results
New Britain-Harford Busway
Hartford South
Tt# 127-17797-08010
DOT Project No. 171-305
DOT Assignment No. 403-3526

Sample Location				RSB-B22 (4-8)	RSB-B23 (4-8)	RSB-B24 (1-4)	RSB-B25 (1-4)	RSB-B26 (1-4)	RSB-B27 (1-4)	RSB-B28 (1-4)	RSB-B29 (1-4)	RSB-B30 (4-8)	RSB-B31 (1-4)	RSB-B32 (1-4)
Laboratory ID				SA88727-01	SA88727-02	SA88727-03	SA88727-04	SA88727-05	SA88727-06	SA88727-07	SA88727-08	SA88727-09	SA88727-10	SA88894-01
Sample Date				12/10/2008	12/10/2008	12/10/2008	12/10/2008	12/10/2008	12/10/2008	12/10/2008	12/10/2008	12/10/2008	12/10/2008	12/15/2008
	CTDEP Remediation Standard Regulations (RSR) Criteria													
	GB PMC	I/C DEC	Res DEC											
Volatile Organic Compounds (VOCs) by SW846 8260B (µg/kg)														
Acetone	140000	1000000	500000	<68.4	<46.1	89.0 (VOC6)	<60.2	<35.3	<54.9	<45.6	<60.5	<64.4	<45.5	<54.5
Carbon Tetrachloride	100	44000	4700	<6.8	<4.6	<4.5	<6.0	<3.5	<5.5	<4.6	<6.1	<6.4	<4.6	<5.5
Dichlorodifluoromethane (Freon12)	----	----	----	<13.7	<9.2	<9.0	<12.0	<7.1	<11.0	<9.1	<12.1	<12.9	<9.1	<10.9
Tetrachloroethene	1000	110000	12000	<6.8	<4.6	<4.5	<6.0	<3.5	<5.5	<4.6	<6.1	<6.4	<4.6	<5.5
Semi-Volatile Organic Compounds (SVOCs) by SW846 8270C (µg/kg)														
Benzo (a) anthracene	1000	7800	1000	<411	<362	<378	<389	<354	<363	<367	<425	<438	<362	<359
Benzo (a) pyrene	1000	1000	1000	<411	<362	<378	<389	<354	<363	<367	<425	<438	<362	<359
Benzo (b) fluoranthene	1000	7800	1000	<411	<362	<378	<389	<354	<363	<367	<425	<438	<362	<359
Benzo (k) fluoranthene	1000	78000	8400	<411	<362	<378	<389	<354	<363	<367	<425	<438	<362	<359
Chrysene	1000	780000	84000	<411	<362	<378	<389	<354	<363	<367	<425	<438	<362	<359
Fluoranthene	56000	2500000	1000000	<411	<362	<378	<389	<354	<363	<367	<425	<438	<362	<359
Phenanthrene	40000	2500000	1000000	<411	<362	<378	<389	<354	<363	<367	<425	<438	<362	<359
Pyrene	40000	2500000	1000000	<411	<362	<378	<389	<354	<363	<367	<425	<438	<362	<359
Total RCRA 8 Metals by EPA 6000/7000 Series Methods (mg/kg)														
Arsenic	----	10	10	<1.81	2.55	2.26	2.97	2.27	1.70	1.97	5.71	2.06	2.45	1.87
Barium	----	140000	4700	43	50.6	48.1	64.7	90.0	61.5	39.6	38.8	54.8	45.9	41.9
Cadmium	----	1000	34	<0.603	0.707	0.988	0.781	0.863	0.73	<0.501	<0.630	0.662	0.593	0.546
Chromium	----	----	----	12.9	12.0	14.0	14.4	22.5	15.4	11.4	12.6	16.8	10.7	8.74
Lead	----	1000	400	4.67	23.5	13.7	21.0	15.0	16.1	36.6	59.1	6.47	12.4	19.5
Mercury	----	610	20	<0.0337	0.175	0.0424	0.341	0.178	<0.0325	0.0682	0.0405	<0.0397	0.0965	1.87
Selenium	----	10000	340	2.20	1.60	2.30	2.25	2.59	2.14	1.84	2.07	3.03	<1.49	<1.52
SPLP of Metals by EPA 1312 & 6000/7000 Series Methods (mg/L)														
Arsenic	0.5	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	10	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.05	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.5	----	----	NA	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA
Lead	0.15	----	----	NA	NA	NA	NA	NA	NA	NA	<0.0150	NA	NA	NA
Mercury	0.02	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP of Metals by EPA 1311 & 6000/7000 Series Methods (mg/L)														
Mercury	0.02	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) by ETPH Method (mg/kg)														
Total Petroleum Hydrocarbons	2500	2500	500	<16.5	<14.6	<15.2	<15.7	<14.3	<14.6	<14.8	111	<17.7	<14.6	<14.5
Polychlorinated Biphenyls (PCBs) by SW846 8082 (µg/kg)														
Total Polychlorinated Biphenyls	----	10,000	1,000	<23.5	<21.9	<22.1	<23.1	<21.3	<21.4	<21.5	<25.8	<26.1	<20.6	<21.1
Chlorinated Herbicides by SW846 8151A (µg/kg)														
Chlorinated Herbicides	Varies	Varies	Varies	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)

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mg/kg = milligrams /kilogram or parts per million
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mg/L = milligrams/liter or parts per million
(var) = Variable Laboratory Detection Limit
VOC6 = the production of Acetone and other ketones is commonly seen when using the SW 846 5035A extraction

Notes:
1. Analytes listed when detected in at least one sample

Table 1
Laboratory Soil Results
New Britain-Harford Busway
Hartford South
Tt# 127-17797-08010
DOT Project No. 171-305
DOT Assignment No. 403-3526

Sample Location Laboratory ID Sample Date	CTDEP Remediation Standard Regulations (RSR) Criteria GB PMC	I/C DEC	Res DEC	RSB-B33 (2-5) SA88894-02 12/15/2008	RSB-B34 (1-4) SA88894-03 12/15/2008	RSB-B35 (1-4) SA88894-04 12/15/2008	RSB-B44 (4-8) SA90232-01 1/22/2009	RSB-B45 (1-4) SA90179-01 1/21/2009	RSB-B46 (1-4) SA90179-02 1/21/2009	RSB-B47 (4-8) SA91443-02 2/24/2009	RSB-B48 (1-4) SA97443-01 2/24/2009	RSB-2 (0-4) SA88676-04 12/8/2008	RSB-2 (8-12) SA88676-05 12/8/2008	RSB-5 (4-8) SA88676-03 12/8/2008
												Flatbush Avenue Bridge Project		
Volatile Organic Compounds (VOCs) by SW846 8260B (µg/kg)														
Acetone	140000	1000000	500000	<57.9	<68.7	<51.0	<75.0	<55.3	<57.9	<664	<517	<71.8	<73.9	<82.2
Carbon Tetrachloride	100	44000	4700	<5.8	<6.9	<5.1	<7.5	<5.5	<5.8	<66.4	**700**	<7.2	<7.4	<8.2
Dichlorodifluoromethane (Freon12)	----	----	----	<11.6	<13.7	<10.2	22.1	<11.1	<11.6	<133	<103	<14.4	<14.8	<16.4
Tetrachloroethene	1000	110000	12000	<5.8	<6.9	<5.1	<7.5	<5.5	<5.8	<66.4	201	<7.2	<7.4	<8.2
Semi-Volatile Organic Compounds (SVOCs) by SW846 8270C (µg/kg)														
Benzo (a) anthracene	1000	7800	1000	<373	<416	<350	<427	<373	<369	<376	<341	<381	<416	<411
Benzo (a) pyrene	1000	1000	1000	<373	<416	<350	<427	<373	<369	<377	<341	<381	<416	<411
Benzo (b) fluoranthene	1000	7800	1000	<373	<416	<350	<427	<373	<369	<378	<341	<381	<416	<411
Benzo (k) fluoranthene	1000	78000	8400	<373	<416	<350	<427	<373	<369	<379	<341	<381	<416	<411
Chrysene	1000	780000	84000	<373	<416	<350	<427	<373	<369	<380	<341	<381	<416	<411
Fluoranthene	56000	2500000	1000000	<373	<416	<350	<427	<373	<369	<381	<341	<381	<416	<411
Phenanthrene	40000	2500000	1000000	<373	<416	<350	<427	<373	<369	<382	<341	<381	<416	<411
Pyrene	40000	2500000	1000000	<373	<416	<350	<427	<373	<369	<383	<341	<381	<416	<411
Total RCRA 8 Metals by EPA 6000/7000 Series Methods (mg/kg)														
Arsenic	----	10	10	<1.45	4.77	3.74	4.31	**10.1**	1.59	3.91	**12.5**	5.74	<1.65	<1.60
Barium	----	140000	4700	39.9	81.8	41.3	117	43.7	43.2	48.1	86.1	35.1	56.3	74.2
Cadmium	----	1000	34	0.527	0.755	0.568	<0.641	<0.562	<0.527	<0.543	<0.515	<0.558	<0.551	<0.532
Chromium	----	----	----	9.74	10.6	8.26	11.7	8.68	9.71	6.82	7.62	8.58	11.4	18.8
Lead	----	1000	400	9.81	77.7	31.1	33.6	10.3	9.01	86.4	72.8	33	3.93	6.14
Mercury	----	610	20	0.143	0.824	0.313	0.171	0.0587	<0.0300	0.989	0.157	0.443	<0.0351	<0.0336
Selenium	----	10000	340	<1.45	<1.76	<1.50	2.34	<1.69	1.59	<1.63	<1.55	<1.68	<1.65	<1.60
SPLP of Metals by EPA 1312 & 6000/7000 Series Methods (mg/L)														
Arsenic	0.5	----	----	NA	NA	NA	NA	<0.0080	NA	NA	NA	NA	NA	NA
Barium	10	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.05	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.5	----	----	NA	<0.0100	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA
Lead	0.15	----	----	NA	<0.0150	NA	NA	<0.0150	NA	NA	NA	NA	NA	NA
Mercury	0.02	----	----	NA	<0.00020	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP of Metals by EPA 1311 & 6000/7000 Series Methods (mg/L)														
Mercury	0.02	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) by ETPH Method (mg/kg)														
Total Petroleum Hydrocarbons	2500	2500	500	<15.0	<16.8	<14.1	39.8	34.1	<14.9	<15.2	84.0	53.7	<16.8	<16.6
Polychlorinated Biphenyls (PCBs) by SW846 8082 (µg/kg)														
Total Polychlorinated Biphenyls	----	10,000	1,000	<22.7	<24.9	<20.9	<26.2	<21.4	<22.1	<22.8	<20.5	<22.1	<24.9	<24.9
Chlorinated Herbicides by SW846 8151A (µg/kg)														
Chlorinated Herbicides	Varies	Varies	Varies	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)

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mg/kg = milligrams /kilogram or parts per million
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VOC6 = the production of Acetone and other ketones is commonly seen when using the SW 846 5035A extraction

Notes:
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Table 1A
Laboratory Soil Results
New Britain-Harford Busway
Hartford South
Tt# 127-17797-08010
DOT Project No. 171-305
DOT Assignment No. 403-3526

Sample Location Laboratory ID Sample Date	CTDEP Remediation Standard Regulations (RSR) Criteria GA PMC	I/C DEC	Res DEC	RSB-B36 (1-4) SA88894-05 12/15/2008	RSB-B37 (4-8) SA88894-06 12/15/2008	RSB-B38 (1-4) SA88894-07 12/15/2008	RSB-B39 (1-4) SA88894-08 12/15/2008	RSB-B40 (1-4) SA88894-09 12/15/2008	RSB-B41 (4-8) SA88894-10 12/15/2008	RSB-B42 (4-8) SA88972-01 12/15/2008	RSB-B43 (1-4) SA88972-02 12/15/2008
Volatile Organic Compounds (VOCs) by SW846 8260B (µg/kg)											
Acetone	14000	1000000	500000	<53.1	<59.8	<51.1	<55.4	<52.5	<45.4	<53.2	<65.2
Dichlorodifluoromethane (Freon12)	---	---	---	<10.6	<12.0	<10.2	<11.1	<10.5	<9.1	<10.6	<13.0
Semi-Volatile Organic Compounds (SVOCs) by SW846 8270C (µg/kg)											
Benzo (a) anthracene	1000	7800	1000	<351	<372	<344	<371	<361	<343	<355	<385
Benzo (a) pyrene	1000	1000	1000	<351	<372	<344	<371	<361	<343	<355	<385
Benzo (b) fluoranthene	1000	7800	1000	<351	<372	<344	<371	<361	<343	<355	<385
Benzo (k) fluoranthene	1000	78000	8400	<351	<372	<344	<371	<361	<343	<355	<385
Chrysene	1000	780000	84000	<351	<372	<344	<371	<361	<343	<355	<385
Fluoranthene	5600	2500000	1000000	<351	<372	<344	<371	<361	<343	<355	<385
Phenanthrene	4000	2500000	1000000	<351	<372	<344	<371	<361	<343	<355	<385
Pyrene	4000	2500000	1000000	<351	<372	<344	<371	<361	<343	<355	<385
Total RCRA 8 Metals by EPA 6000/7000 Series Methods (mg/kg)											
Arsenic	---	10	10	1.75	<1.65	2.25	<1.60	<1.48	<1.31	<1.62	3.03
Barium	---	140000	4700	46.4	44.6	30.9	30.1	28.4	33.5	63.8	160
Cadmium	---	1000	34	<0.472	0.680	<0.503	<0.534	<0.493	<0.436	<0.541	1.19
Chromium	---	---	---	9.17	11.6	8.80	6.72	7.02	8.60	12.5	26.1
Lead	---	1000	400	13.2	9.86	17.5	8.74	21.9	6.30	5.56	0.33
Mercury	---	610	20	<0.0289	0.0473	0.101	0.0512	0.176	<0.0284	<0.0286	**29.7**
Selenium	---	10000	340	<1.42	<1.65	<1.51	<1.60	<1.48	<1.31	<1.62	<1.59
SPLP of Metals by EPA 1312 & 6000/7000 Series Methods (mg/L)											
Arsenic	0.05	---	---	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	---	---	NA	NA	NA	NA	NA	NA	NA	0.0272
Cadmium	0.005	---	---	NA	NA	NA	NA	NA	NA	NA	<0.0050
Chromium	0.05	---	---	NA	NA	NA	NA	NA	NA	NA	<0.0100
Lead	0.015	---	---	NA	NA	NA	NA	NA	NA	NA	<0.0150
Mercury	0.002	---	---	NA	NA	NA	NA	NA	NA	NA	<0.00020
TCLP of Metals by EPA 1311 & 6000/7000 Series Methods (mg/L)											
Mercury	0.002	---	---	NA	NA	NA	NA	NA	NA	NA	<0.00020
Total Petroleum Hydrocarbons (TPH) by ETPH Method (mg/kg)											
Total Petroleum Hydrocarbons	500	2500	500	<14.2	<15.0	<13.9	<15.0	<14.5	<13.8	<14.3	<15.5
Polychlorinated Biphenyls (PCBs) by SW846 8082 (µg/kg)											
Total Polychlorinated Biphenyls	---	10,000	1,000	<21.4	<21.6	<20.7	<21.6	<20.8	<20.1	<20.9	<22.8
Chlorinated Herbicides by SW846 8151A (µg/kg)											
Chlorinated Herbicides	Varies	Varies	Varies	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)	BRL(var)

Abbreviations:
Bold font denotes an exceedance of the RSRs
NA = not analyzed
---- = RSR criteria not established
< = Concentration less than the laboratory reportable detection limits
ETPH = Extractable Total Petroleum Hydrocarbons
BRL = Below Laboratory Reportable Detection Limits
SPLP = Synthetic Precipitation Leaching Procedure
I/C DEC = Industrial/Commercial Direct Exposure Criteria
RES DEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for a GA groundwater designation
GB PMC = Pollutant Mobility Criteria for a GB groundwater designation
CTDEP = Connecticut Department of Environmental Protection
RCRA = Resource Conservation and Recovery Act
mg/kg = milligrams /kilogram or parts per million
µg/kg= micrograms/kilogram or parts per billion
mg/L = milligrams/liter or parts per million
(var) = Variable Laboratory Detection Limit
VOC6 = the production of Acetone and other ketones is commonly seen when using the SW 846 5035A extraction
Notes:
1. Analytes listed when detected in at least one sample

Table 2
Laboratory Groundwater Data
New Britain-Harford Busway
Hartford South
Tt# 127-17797-08010
DOT Project No. 171-305
DOT Assignment No. 403-3526

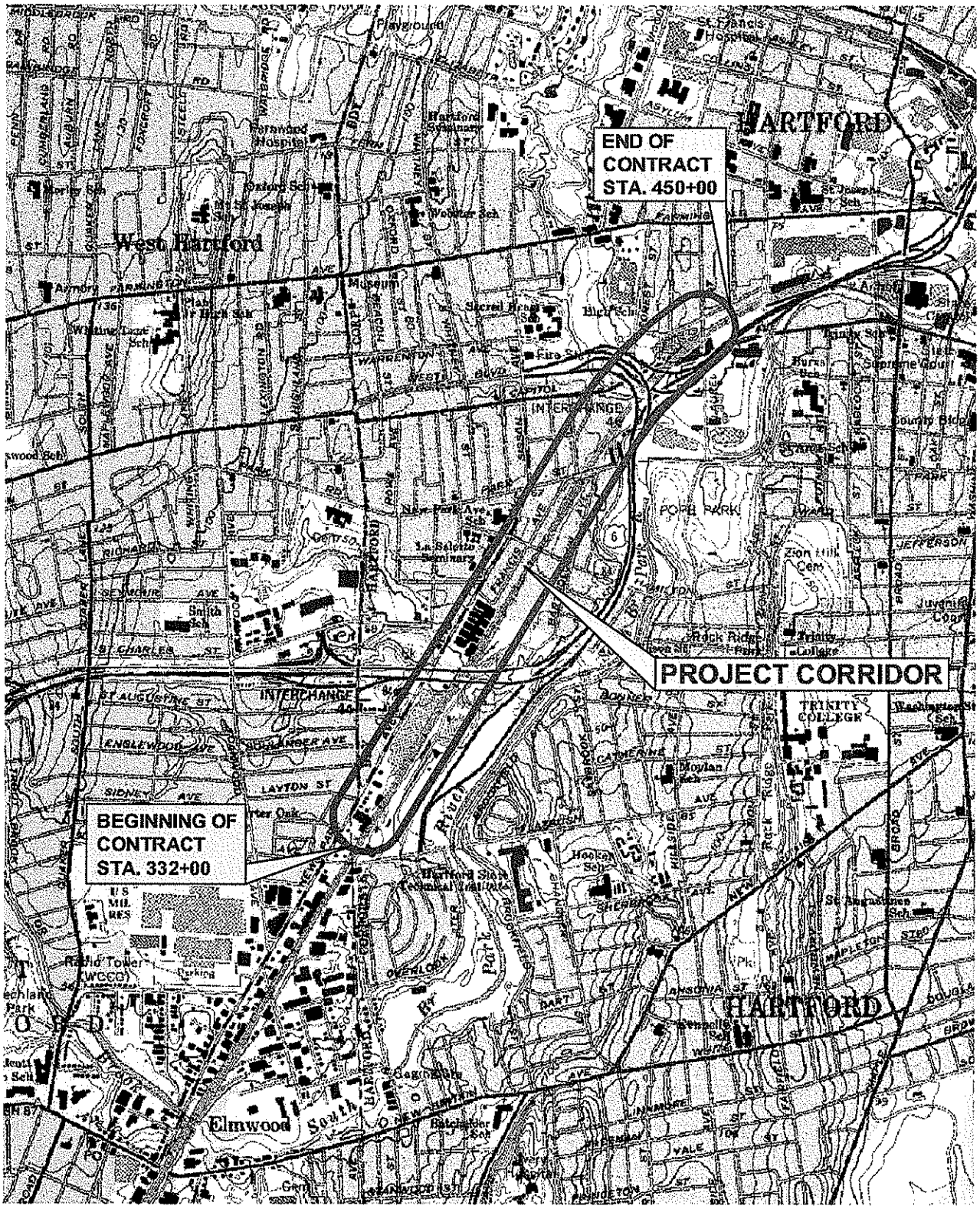
Sample Location				**RSB-2**
Laboratory ID				**SA88676-02**
Sample Date				**12/8/2008**
	SWPC	**Res VC**	**I/C VC**	
Volatile Organic Compounds (VOCs) by SW846 8260B (µg/l)	Varies	Varies	Varies	BRL(var)
Semi-Volatile Organic Compounds (SVOCs) by SW846 8270C SIM (µg/l)	Varies	Varies	Varies	<12.7
Total RCRA 8 Metals by EPA 6000/7000 Series Methods (mg/l)				
Arsenic	0.004	----	----	**0.117**
Barium	----	----	----	3.82
Chromium	----	----	----	1.19
Mercury	0.0004	----	----	**0.00584**
Lead	0.013	----	----	**0.939**
ETPH by Connecticut Method (mg/l)				
Total Petroleum Hydrocarbons	----	----	----	<0.1
Polychlorinated Biphenyls (PCBs) by SW846 8082 (µg/l)				
Total Polychlorinated Biphenyls	0.5	----	----	<0.465
Chlorinated Herbicides by SW846 8151A (µg/kg)				
Chlorinated Herbicides	Varies	Varies	Varies	BRL(var)

Abbreviations:
Bold font denotes an exceedance of the RSRs
NA = not analyzed
---- = RSR criteria not established
< = Concentration less than the laboratory reportable detection limits
ETPH = Extractable Total Petroleum Hydrocarbons
SWPC = Surface Water Protection Criteria
I/C VC = Industrial/Commercial Volatilization Criteria
Res VC = Residential Volatilization Criteria
RCRA = Resource Conservation and Recovery Act
ug/l = micrograms/liter
µg/kg= micrograms/kilogram or parts per billion
mg/L = milligrams/liter or parts per million
BRL = Below Reporting Limits
var = Variable Laboratory Detection Limit
Notes:
1. Analytes listed when detected in at least one sample

Table 3
Laboratory Groundwater Data
New Britain-Harford Busway
Tt# 127-17797-08010
DOT Project No. 171-305
DOT Assignment No. 403-3526

Sample Location				Trip Blank	TB-1	Trip Blank
Laboratory ID				SA88676-01	SA88661-06	SA91443-03
Sample Date				12/8/2008	12/9/2008	2/24/2009
	SWPC	Res VC	I/C VC			
Volatile Organic Compounds (VOCs) by SW846 8260B (µg/l)						
VOCs	Varies	Varies	Varies	BRL(var)	BRL(var)	BRL(var)

Abbreviations:
Bold font denotes an exceedance of the RSRs
---- = RSR criteria not established
BRL = Below Laboratory Reportable Detection Limits
(var) = Variable Laboratory Detection Limit
SWPC = Surface Water Protection Criteria
I/C VC = Industrial/Commercial Volatilization Criteria
Res VC = Residential Volatilization Criteria
µg/l= micrograms/liter
Notes:
1. Analytes listed when detected in at least one sample



127-17797-08010G-ESL01

New Britain-Hartford Busway (155-H025)
Sta. 332+00 to Sta. 450+00
West Hartford to Hartford, CT

0 2000± Feet

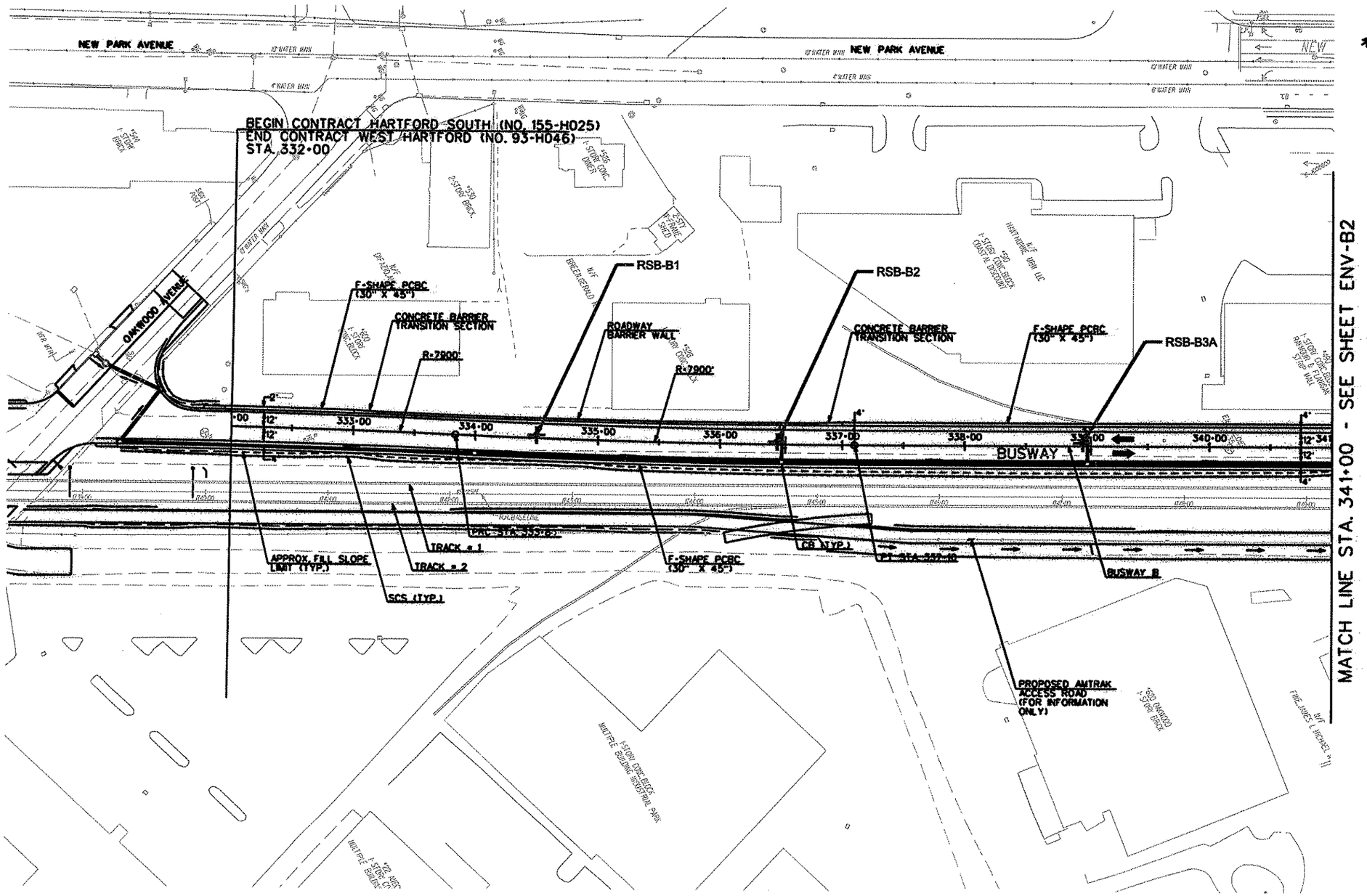
TETRA TECH RIZZO

Based on:
USGS Map of Hartford North, CT, 1964, Revised 1992
USGS Map of Hartford South, CT, 1964, Revised 1992

Figure 1

Project Corridor

J:\Project\127-17797-08010\Graphic\127-17797-08010G-ESL01.dwg 2/11/2009 8:42:44 AM EST



LEGEND

RSB-B1 — SOIL BORING LOCATION

REV.	DATE	DESCRIPTION REVISIONS	SHEET NO.

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

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

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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

TETRA TECH RIZZO

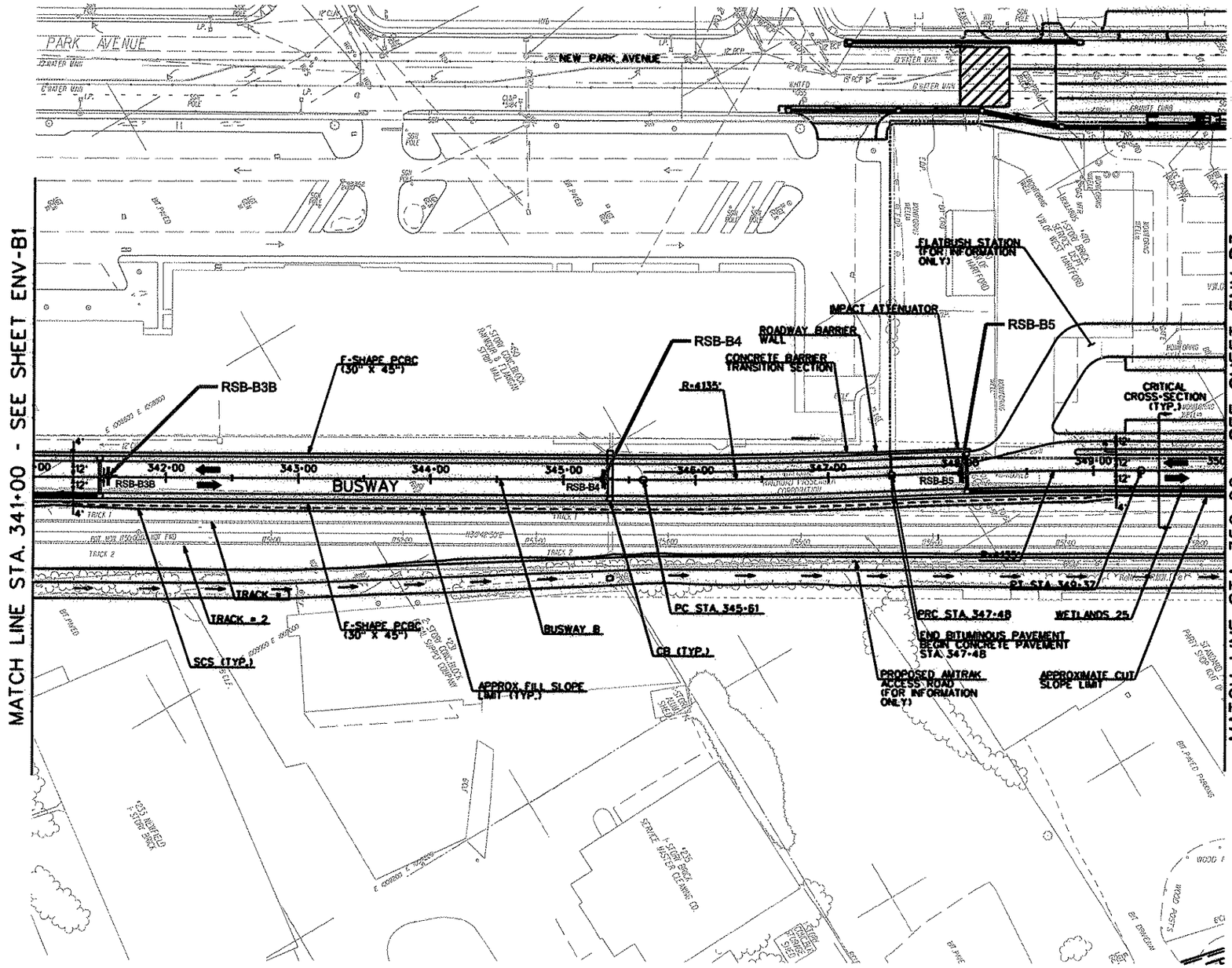
PROJECT TITLE: NEW BRITAIN – HARTFORD BUSWAY

CADD: 155h025001-210-ENV-B01.dgn PLOTTED DATE: 3/8/2009

TOWN: WEST HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO.: 155–H025
DRAWING NO.: ENV–B1
SHEET NO.:



LEGEND

RSB-B1 — SOIL BORING LOCATION

REV.	DATE	DESCRIPTION REVISIONS	SHEET NO.

SCALE IN FEET: 40 0 40 — SCALE 1"=40'

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

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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

TETRA TECH RIZZO

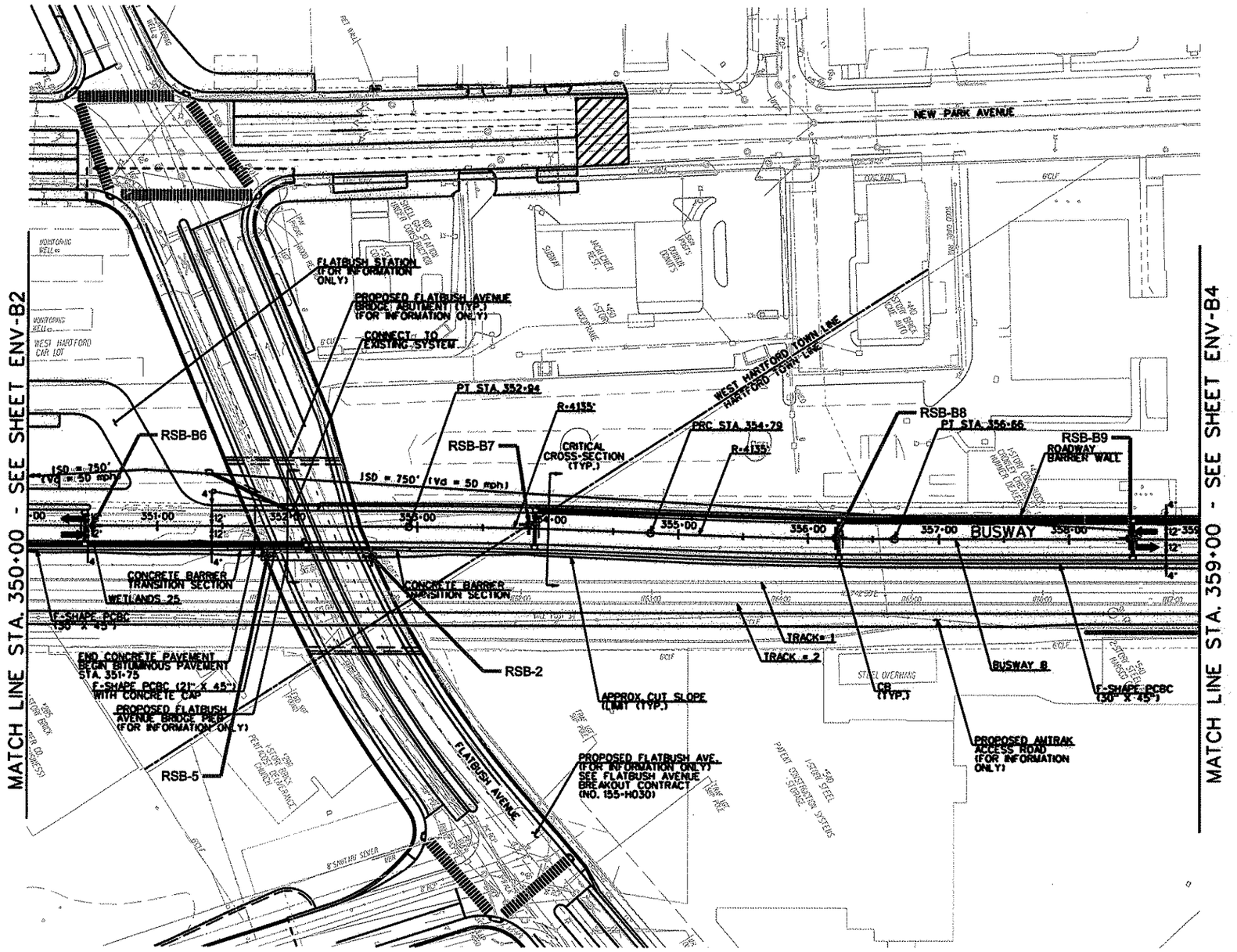
PROJECT TITLE: NEW BRITAIN – HARTFORD BUSWAY

CADD: 155N025002-210-ENV-B02.dgn | PLOTTED DATE: 3/8/2009

TOWN: WEST HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO.: 155-H025
DRAWING NO.: ENV-B2
SHEET NO.:



LEGEND

RSB-B1 — SOIL BORING LOCATION

RSB-2 — SOIL BORING LOCATION

REV.	DATE	DESCRIPTION	SHEET NO.
		REVISIONS	

SCALE IN FEET 40 0 40

SCALE 1"=40'

DESIGNER: D. WILLIAMS

DRAFTER: J. LUNDQUIST

CHECKED BY: D. WILLIAMS

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: TETRA TECH RIZZO, INC.

APPROVED BY: DATE:

TETRA TECH RIZZO

PROJECT TITLE: NEW BRITAIN – HARTFORD BUSWAY

CADD: 155h025003-210-ENV-B03.dgn PLOTTED DATE: 3/9/2009

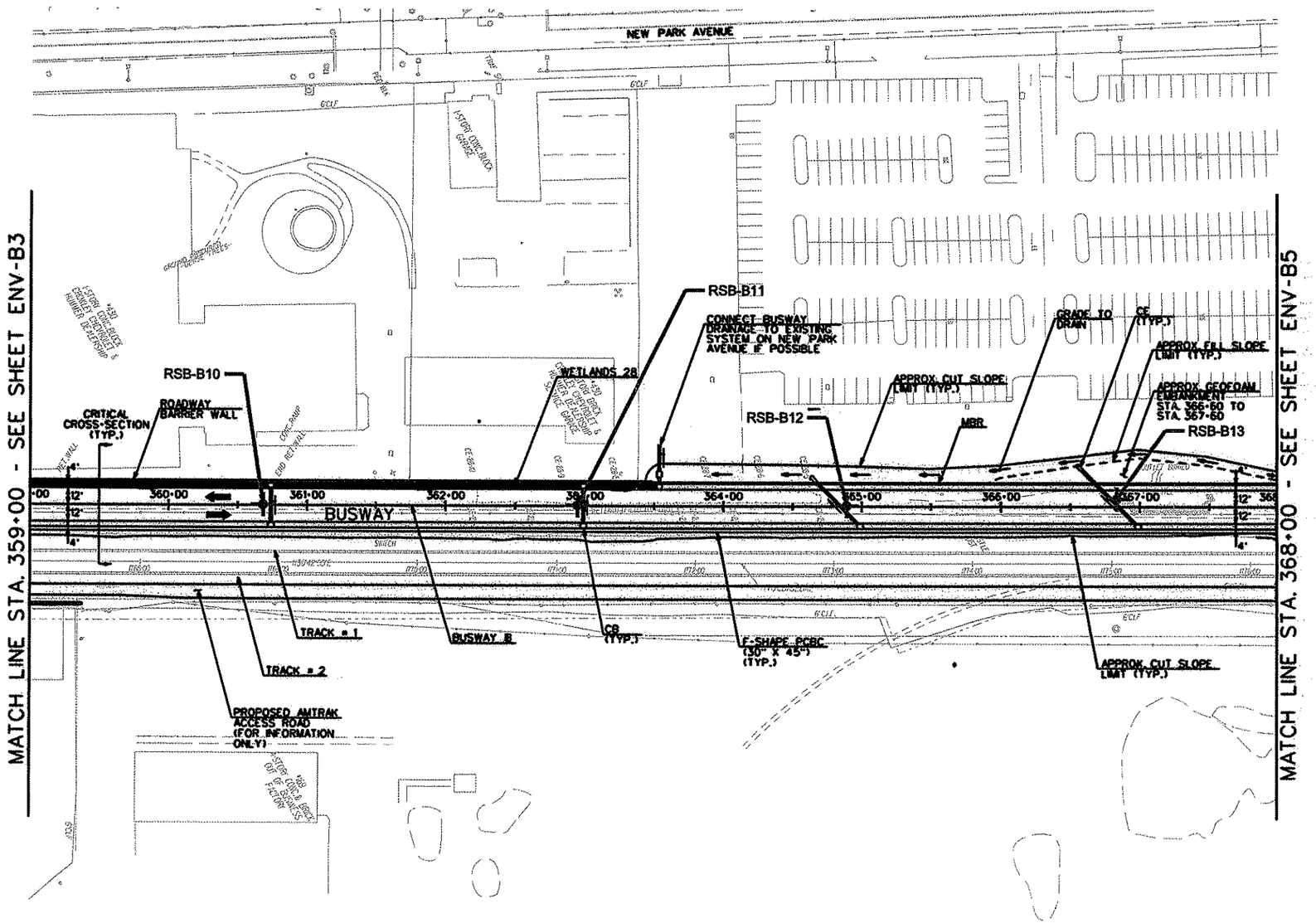
TOWN: WEST HARTFORD/HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO.: 155-H025

DRAWING NO.: ENV-B3

SHEET NO.:



LEGEND

RSB-B1 — SOIL BORING LOCATION

REV.	DATE	DESCRIPTION	SHEET NO.
		REVISIONS	

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

DESIGNER: D. WILLIAMS
DRAFTER: J. LUNDQUIST
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STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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

TETRA TECH RIZZO

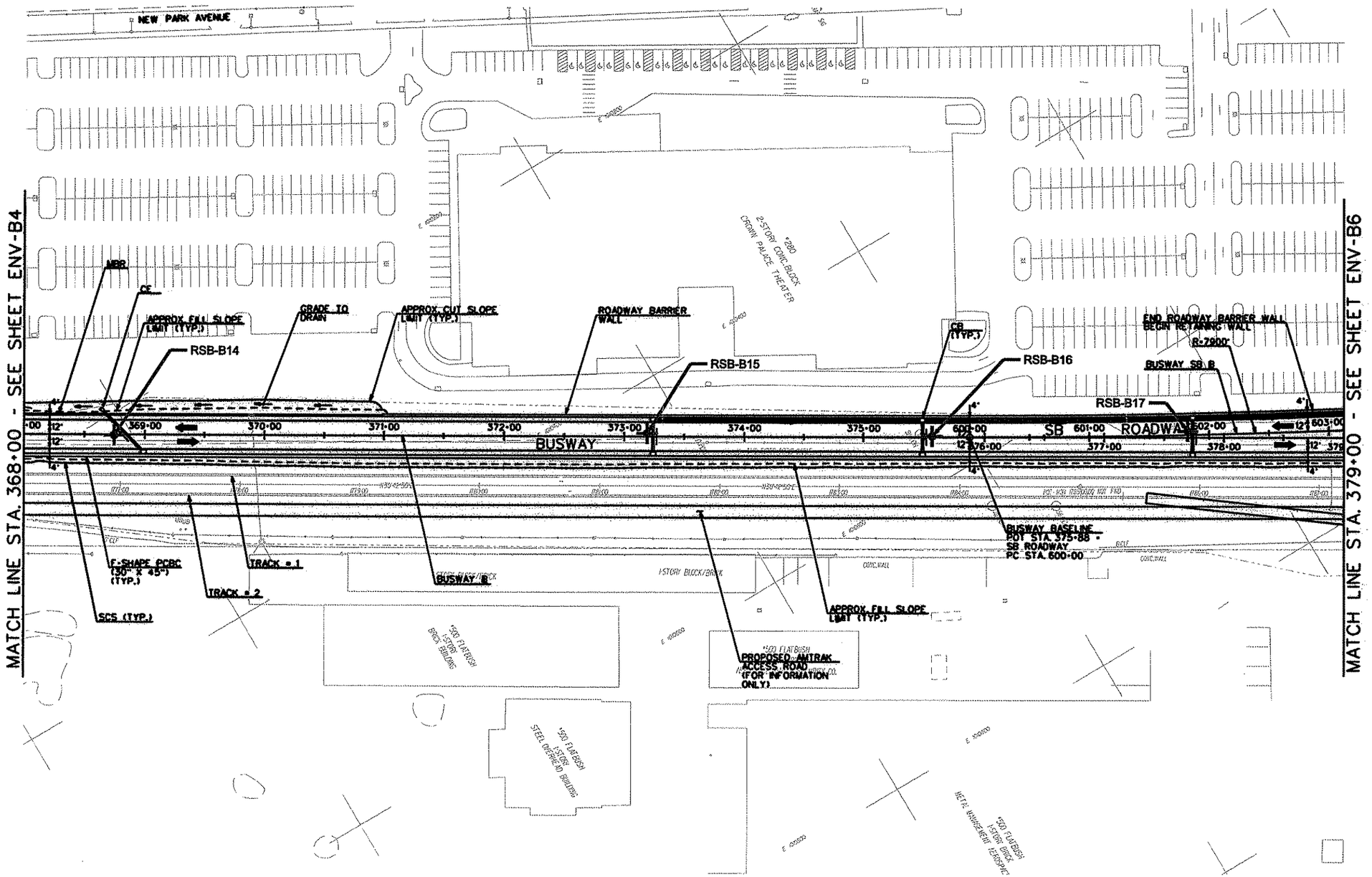
PROJECT TITLE: NEW BRITAIN – HARTFORD BUSWAY

CADD: 155h025004-210-ENV-B04.dgn
PLOTTED DATE: 3/6/2009

TOWN: HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO.: 155-H025
DRAWING NO.: ENV-B4
SHEET NO.:



REV.	DATE	DESCRIPTION	SHEET NO.
		REVISIONS	

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

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

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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

TETRA TECH RIZZO

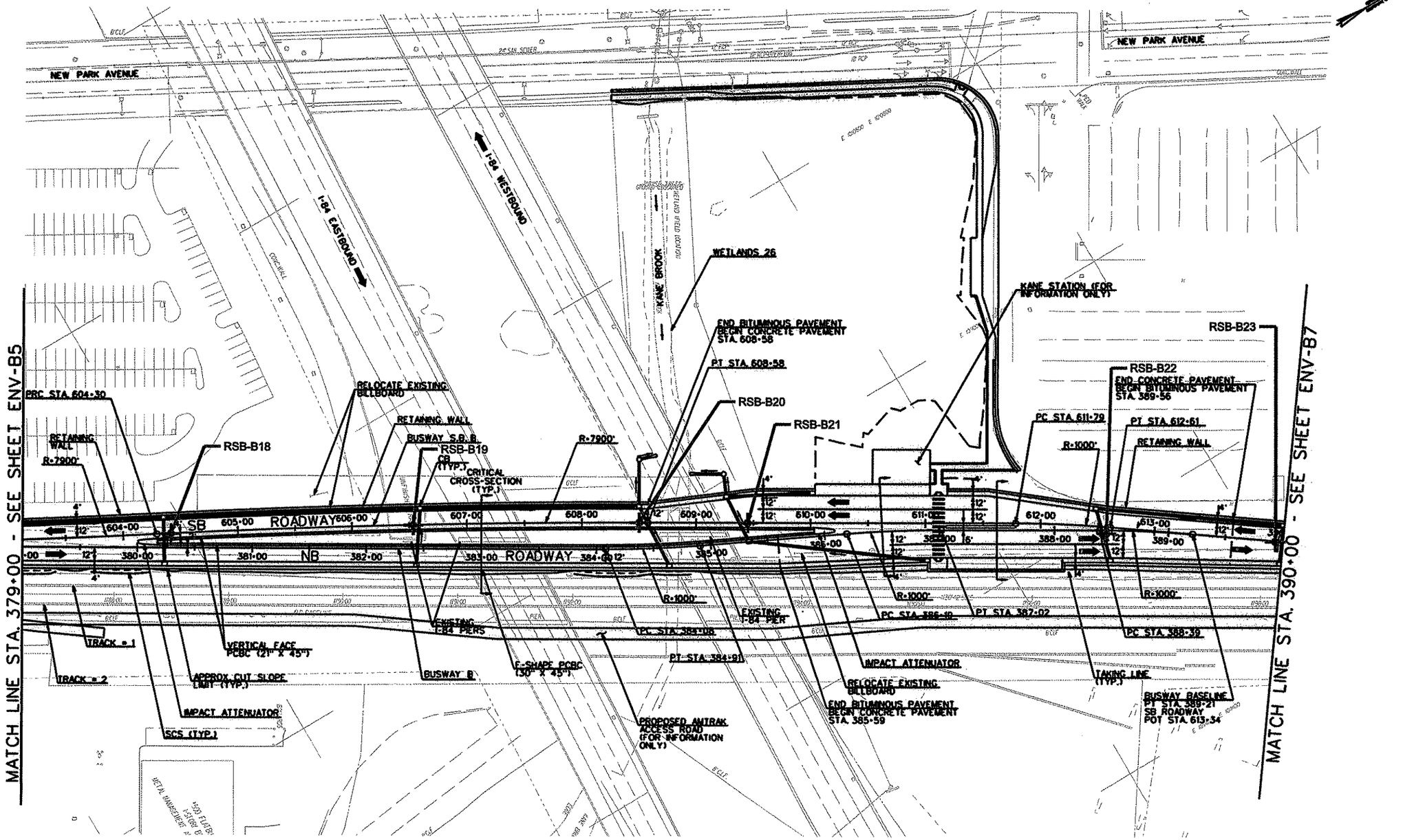
PROJECT TITLE: NEW BRITAIN – HARTFORD BUSWAY

CADD: 155h025004-210-ENV-B05.dgn
PLOTTED DATE: 3/8/2009

TOWN: HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO.: 155-H025
DRAWING NO.: ENV-B5
SHEET NO.:



LEGEND

RSB-B1 — SOIL BORING LOCATION

REV.	DATE	DESCRIPTION	SHEET NO.
		REVISIONS	

SCALE IN FEET: 40 0 40 — SCALE 1"=40'

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

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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

TETRA TECH RIZZO

PROJECT TITLE: NEW BRITAIN – HARTFORD BUSWAY

CADD: 155h025004-210-ENV-B06.dgn PLOTTED DATE: 3/6/2009

TOWN: HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO.: 155-H025
DRAWING NO.: ENV-B6
SHEET NO.:

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 Rizzo 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.

BORING NUMBER RSB-B1

TETRA TECH RIZZO

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/5/08 **COMPLETED** 12/5/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	63	SOIL SAMPLE: RSB-B1 (1-4') 9:05 SUBMITTED		6" Angular GRAVEL; 18" Black-yellow, f-c SAND; 6" Black-brown, SILT, stained; no odor, dry	0.1
2.5						
5.0					6" Red-brown, f-c SAND and SILT; 6" Red-brown, f-c SAND; 30" Red-brown SILT; no staning, no odor, dry	
	(4-8)	88				0.0
7.5						
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B2

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/5/08 COMPLETED 12/5/08
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula CHECKED BY Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0	(1-4)	63	SOIL SAMPLE: RSB-B2 (1-4') 9:50 SUBMITTED		18" Black, f-c SAND and GRAVEL; 12" Red, f-m SAND and SILT; no odor, dry	0.2
2.5						
5.0	(4-8)	100			24" Red, f-m SAND and SILT; 24" Brown-gray, CLAY and SILT; no staining, no odor, dry	0.0
7.5						
8.0					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B3A

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/5/08 **COMPLETED** 12/5/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	75	SOIL SAMPLE: RSB-B3A (1-4') 10:20 SUBMITTED		6" Top soil; 6" Black, f-c SAND little GRAVEL; 6" Red, f-c SAND little GRAVEL; 18" Red, f-c SAND some SILT; no staining, no odor, dry	0.2
2.5						
5.0					6" Brown, f-c SAND, wet; 42" Gray CLAY and SILT; no staining, no odor, dry	
	(4-8)	100				0.0
7.5						
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B3B

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/5/08 **COMPLETED** 12/5/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	50	SOIL SAMPLE: RSB-B3B (1-4') 10:45 SUBMITTED		12" Black, f-c SAND; 12" Red, f-c SAND little GRAVEL; no odor, dry	0.0
2.5						
5.0					48" Brown-gray CLAY and SILT; no staining, no odor, dry	
	(4-8)	100				0.0
7.5						
					8.0 Bottom of hole at 8.0 feet.	

BORING NUMBER RSB-B4

TETRA TECH RIZZO

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/5/08 **COMPLETED** 12/5/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	88	SOIL SAMPLE: RSB-B4 (1-4') 12:20 SUBMITTED		6" Angular GRAVEL and f-m SAND; 18" Black, f-m SAND; 18" Red, f-c SAND; no odor, dry	0.0
2.5						
5.0					18" Red, f-c SAND; 18" Brown-gray SAND and SILT; no staining, no odor, dry	
	(4-8)	75				0.0
7.5						
				8.0		
					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B5

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/5/08 **COMPLETED** 12/5/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	63	SOIL SAMPLE: RSB-B5 (1-4') 12:45 SUBMITTED		6" Black, f-c SAND and GRAVEL; 12" Black-yellow, f-m SAND; 12" Brown-red, f-c SAND trace brick; no odor, dry	0.0
2.5						
5.0					6" Red-brown, f-c SAND; 30" Gray SILT trace CLAY; no staining, no odor, dry	
	(4-8)	88				0.0
7.5						
				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B6

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/5/08 COMPLETED 12/5/08
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula CHECKED BY Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	63	SOIL SAMPLE: RSB-B6 (1-4') 12:50 SUBMITTED		6" Black, f-c SAND and GRAVEL; 12" Black, f-m SAND; 12" Brown, f-c SAND; no odor, dry	0.0
2.5						
5.0					6" Red-brown, f-c SAND; 36" Gray SILT trace CLAY; no staining, no odor, dry	
	(4-8)	88				0.0
7.5						
				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B7

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/8/08 COMPLETED 12/8/08
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula CHECKED BY Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	75	SOIL SAMPLE: RSB-B7 (1-4') 8:30 SUBMITTED		12" Top soil and GRAVEL; 24" Red, f-c SAND trace GRAVEL, some staining; no odor, dry	0.0
2.5						
5.0					36" Brown, fine SAND and SILT; no staining, no odor, dry	
	(4-8)	75				0.0
7.5						
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B8

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/8/08 **COMPLETED** 12/8/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	75	SOIL SAMPLE: RSB-B8 (1-4') 12:30 SUBMITTED		12" Brown, f-c SAND and GRAVEL; 12" Black, f-c SAND, stained; 12" Red, f-c SAND, trace Gravel, trace brick; no odor, dry	0.0
2.5						
5.0					12" Red, f-c SAND; 24" Brown SILT some f SAND trace CLAY; no staining, no odor, dry	
	(4-8)	75				0.0
7.5						
				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B9

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/8/08 **COMPLETED** 12/8/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0	(0-4)	75	SOIL SAMPLE: RSB-B9 (1-4') 13:15 SUBMITTED		12" Brown, f-c SAND and GRAVEL; 12" Black, f-c SAND, stained; 12" Red, f-c SAND trace GRAVEL; no odor, dry	0.0
2.5						
5.0	(4-8)	88			42" Brown SILT trace CLAY; no staining, no odor, dry	0.0
7.5						
					8.0 Bottom of hole at 8.0 feet.	

BORING NUMBER RSB-B10

TETRA TECH RIZZO

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/8/08 **COMPLETED** 12/8/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	75	SOIL SAMPLE: RSB-B10 (1-4') 13:30 SUBMITTED		12" Brown, f-c SAND and GRAVEL; 24" Red, f-c SAND trace GRAVEL, small black stain; no odor, dry	0.0
2.5						
5.0					36" Brown SILT; no staining, no odor, dry	
	(4-8)	75				0.0
7.5						
					8.0	
					Bottom of hole at 8.0 feet.	

BORING NUMBER RSB-B11

TETRA TECH RIZZO

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/8/08 **COMPLETED** 12/8/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	75	SOIL SAMPLE: RSB-B11 (1-4') 14:00 SUBMITTED		18" Brown, f-c SAND trace GRAVEL, black staining at 18"; 18" Red, f-c SAND; no odor, dry	0.0
2.5						
5.0					6" Red, f-c SAND; 30" Brown-gray SILT trace CLAY; no staining, no odor, dry	
	(4-8)	75				0.0
7.5						
					8.0	
					Bottom of hole at 8.0 feet.	

BORING NUMBER RSB-B12

TETRA TECH RIZZO

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/9/08 **COMPLETED** 12/9/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0	(0-4)	63	SOIL SAMPLE: RSB-B12 (1-4') 8:20 SUBMITTED		6" Brown, f-c SAND and GRAVEL; 6" Black, f-c SAND; 18" Red, f-c SAND trace GRAVEL; no odor, dry	0.0
2.5						
5.0	(4-8)	100			24" Gray SILT trace CLAY; 24" Brown CLAY some gray SILT; no staining, no odor, dry	0.0
7.5						
8.0					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B13

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/9/08 COMPLETED 12/9/08
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula CHECKED BY Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	75	SOIL SAMPLE: RSB-B13 (1-4') 8:50 SUBMITTED		12" Top soil and GRAVEL; 1" Coal gravel; 6" Black, f-m SAND, slight odor, staining; 18" Red, f-c SAND; dry	0.0
2.5						
5.0					18" Red, f-c SAND; 24" Brown, f SAND and SILT; no staining, no odor, dry	
	(4-8)	63				0.0
7.5						
					8.0	
					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B14

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/9/08 **COMPLETED** 12/9/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
∇ **AT TIME OF DRILLING** 4.0 ft
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	75	SOIL SAMPLE: RSB-B14 (1-4') 9:15 SUBMITTED		12" Top soil and GRAVEL; 6" Black, f-c SAND trace GRAVEL, staining; 12" Red, f-c SAND; 6" Brown SILT; no odor, dry	0.0
2.5						
					∇ 18" Brown SILT little f SAND, wet; 18" Brown SILT and CLAY; no staining, no odor	
5.0						
	(4-8)	88				0.0
7.5						
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B15

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/9/08 **COMPLETED** 12/9/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	63	SOIL SAMPLE: RSB-B15 (1-4') 9:50 SUBMITTED		6" Top soil and GRAVEL; 6" Black, f-c SAND, stained with petroleum odor; 18" Red, f-c SAND some GRAVEL; dry	0.0
2.5						
5.0					42" Brown-gray SILT little CLAY; no staining, no odor, dry	
	(4-8)	88				0.0
7.5						
				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B16

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/9/08 **COMPLETED** 12/9/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	75	SOIL SAMPLE: RSB-B16 (1-4') 10:20 SUBMITTED		12" Top soil and GRAVEL; 6" Black, f-c SAND, staining; 12" Red, f-c SAND little GRAVEL; 6" Gray CLAY and SILT; no odor, dry	0.0
2.5						
5.0					42" Gray CLAY little SILT; no staining, no odor, dry	
	(4-8)	88				0.0
7.5						
				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B17

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/9/08 **COMPLETED** 12/9/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0	(0-4)	75	SOIL SAMPLE: RSB-B17 (1-4') 11:00 SUBMITTED		6" Top soil and GRAVEL; 6" Black, f-c SAND; 18" Red, f-c SAND little round GRAVEL; 6" Gray SILT and f SAND; no staining, no odor, dry	0.0
2.5	(4-8)	88			6" Gray SILT and f SAND; 36" Gray SILT trace CLAY; no staining, no odor, dry	0.0
5.0						
7.5						
8.0					Bottom of hole at 8.0 feet.	

BORING NUMBER RSB-B18

TETRA TECH RIZZO

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/9/08 **COMPLETED** 12/9/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	75	SOIL SAMPLE: RSB-B18 (1-4') 11:40 SUBMITTED		12" Top soil and angular GRAVEL; 12" Black, f-c SAND; 12" Red, f-c SAND, some fine GRAVEL; no odor, dry	0.0
2.5						
5.0					24" Gray-brown SILT; no staining, no odor, dry	
	(4-8)	50				0.0
7.5						
					8.0	
					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B19

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/9/08 **COMPLETED** 12/9/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	75	SOIL SAMPLE: RSB-B19 (1-4') 13:00 SUBMITTED		12" Top soil and angular GRAVEL; 18" Brown SILT and f-m SAND; 6" Concrete; no staining, no odor, dry	0.0
2.5						
5.0					36" Brown SILT; no staining, no odor, dry	
	(4-8)	75				0.0
7.5						
					8.0	
					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B20

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/9/08 COMPLETED 12/9/09
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula CHECKED BY Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0	(0-4)	88	SOIL SAMPLE: RSB-B20 (1-4') 13:30 SUBMITTED		12" Angular GRAVEL and top soil; 6" Red SILT; 6" Angular GRAVEL and brown, m SAND; 18" Black-brown, f-c SAND, stained; no odor, dry	0.0
2.5	(4-8)	88			36" Red, f-c SAND; 6" Gray-brown SILT; no staining, no odor, dry	0.0
5.0						
7.5						
8.0					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B21

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/9/08 COMPLETED 12/9/09
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula CHECKED BY Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	50	SOIL SAMPLE: RSB-B21 (1-4') 14:00 SUBMITTED		6" Top soil some angular GRAVEL; 18" Brown, f-c SAND some SILT trace subangular GRAVEL trace coal; no staining, no odor, dry	0.0
2.5						
5.0					9" Red, f-c SAND trace round GRAVEL; 15" Brown SILT; no staining, no odor, dry	
	(4-8)	50				0.0
7.5						
				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B22

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/10/08 **COMPLETED** 12/10/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	75			6" Top soil and GRAVEL; 18" Red, f-c SAND; 12" Gray SILT; no staining, no odor, dry	0.0
2.5						
5.0					24" Gray SILT and f SAND, staining; 24" Gray SILT some CLAY; no odor, dry	
	(4-8)	100	SOIL SAMPLE: RSB-B22 (4-8') 8:40 SUBMITTED			0.0
7.5						
				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B23

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/10/08 **COMPLETED** 12/10/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0	(0-4)	75			6" Top soil and angular GRAVEL; 6" Black, f-c SAND, some round GRAVEL; 2" Brick; 22" Brown, f-c SAND little round GRAVEL; no odor, dry	0.0
2.5						
5.0	(4-8)	75	SOIL SAMPLE: RSB-B23 (4-8') 9:05 SUBMITTED		36" Brown SILT; no staining, no odor, dry	0.0
7.5						
8.0					Bottom of hole at 8.0 feet.	

BORING NUMBER RSB-B24

TETRA TECH RIZZO

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/10/08 **COMPLETED** 12/10/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	75	SOIL SAMPLE: RSB-B24 (1-4') 9:35 SUBMITTED		6" Top Soil and angular GRAVEL; 8" Black, f-c SAND trace round GRAVEL; 22" Brown, f-c SAND little round GRAVEL; no odor, dry	0.0
2.5						
5.0					12" Gray SILT; 2" Top soil; 10" Gray CLAY; 12" Brown SILT and CLAY; no staining, no odor, dry	
	(1-4)	75				0.0
7.5						
				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B25

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/10/08 **COMPLETED** 12/10/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	75	SOIL SAMPLE: RSB-B25 (1-4') 10:05 SUBMITTED		6" Top soil and angular GRAVEL; 8" Black, f-c SAND trace round GRAVEL; 18" Brown, f-c SAND little round GRAVEL; 4" Gray SILT; no odor, dry	0.0
2.5						
5.0					12" Gray SILT; 2" Top soil; 10" Gray CLAY some SILT; 12" Brown SILT and CLAY; no staining, no odor, dry	
	(4-8)	75				0.0
7.5						
				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B26

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/10/08 **COMPLETED** 12/10/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	75	SOIL SAMPLE: RSB-B26 (1-4') 10:30 SUBMITTED		6" Top soil and angular GRAVEL; 12" Black, f-c SAND; 18" Red, f-c SAND little round GRAVEL trace red SILT; no odor, dry	0.0
2.5						
5.0					36" Brown SILT; no staining, no odor, dry	
	(4-8)	75				0.0
7.5						
					8.0	
					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B27

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/10/08 COMPLETED 12/10/08
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula CHECKED BY Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	63	SOIL SAMPLE: RSB-B27 (1-4') 11:05 SUBMITTED		6" Top soil and angular GRAVEL; 12" Black, f-c SAND; 12" Red, f-c SAND; no odor, dry	0.0
2.5						
5.0					42" Gray-brown SILT trace CLAY; no staining, no odor, dry	
	(4-8)	88				0.0
7.5						
				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B28

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/10/08 COMPLETED 12/10/08
GROUND ELEVATION ____ HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula CHECKED BY Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0	(0-4)	50	SOIL SAMPLE: RSB-B28 (1-4') 11:35 SUBMITTED		6" Top soil and angular GRAVEL; 6" Black, f-c SAND; 12" Red, f-c SAND trace rounded GRAVEL; no odor, dry	0.0
2.5						
5.0	(4-8)	75			36" Brown SILT trace CLAY; no staining, no odor, dry	0.0
7.5						
8.0					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B29

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/10/08 COMPLETED 12/10/08
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula CHECKED BY Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	63	SOIL SAMPLE: RSB-B29 (1-4') 12:00 SUBMITTED		6" Top soil and angular GRAVEL; 18" Black, f-c SAND; 6" Brown SILT; no odor, dry	0.0
2.5						
5.0					36" Brown SILT; no staining, no odor, dry	
	(4-8)	75				0.0
7.5						
					8.0	
					Bottom of hole at 8.0 feet.	

GENERAL BH / TP / WELL 127-17797-08010.GPJ GINT US.GDT 2/19/09

TETRA TECH RIZZO

BORING NUMBER RSB-B30

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/10/08 COMPLETED 12/10/08
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula CHECKED BY Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	50			6" Top soil and angular GRAVEL; 6" Dark brown, c SAND trace rounded GRAVEL; 12" Brown, c SAND trace GRAVEL trace SILT; no staining, no odor, dry	0.0
2.5						
5.0					12" Red, f-c SAND trace SILT; 12" Brown SILT; 18" Gray SILT; no staining, no odor, dry	
	(4-8)	88	SOIL SAMPLE: RSB-B30 (4-8') 13:00 SUBMITTED			0.0
7.5						
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B31

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/10/08 **COMPLETED** 12/10/08
GROUND ELEVATION ___ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ___
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	50	SOIL SAMPLE: RSB-B31 (1-4') 13:35 SUBMITTED		6" Top soil and angular GRAVEL; 18" Red, f-c SAND trace SILT; no staining, no odor, dry	0.0
2.5						
5.0					36" Gray-brown SILT trace CLAY; no staining, no odor, dry	
	(4-8)	75				0.0
7.5						
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B32

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/15/08 **COMPLETED** 12/15/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	50	SOIL SAMPLE: RSB-B32 (1-4') 9:45 SUBMITTED		6" Brown, f-c SAND and angular GRAVEL; 12" Brown, f-c SAND little rouned GRAVEL, staining; 6" Red, f-c SAND trace rounded GRAVEL; no odor, dry	0.0
2.5						
5.0					18" Red, f-c SAND trace rounded, f GRAVEL; 18" Brown SILT trace CLAY; no staining, no odor, dry	
	(4-8)	75				0.0
7.5						
				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B33

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/15/08 **COMPLETED** 12/15/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	63	SOIL SAMPLE: RSB-B33 (1-5') 10:15 SUBMITTED		6" Top soil and angular GRAVEL; 8" Yellow, f-c SAND, black staining; 2" Brick; 14" Brown, f-c SAND; no odor, dry	0.0
2.5						
5.0					12" Red, f-c SAND; 24" Brown CLAY trace SILT; no staining, no odor, dry	
	(4-8)	75				0.0
7.5						
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B34

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/15/08 COMPLETED 12/15/08
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula CHECKED BY Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	56	SOIL SAMPLE: RSB-B34 (1-4') 10:40 SUBMITTED		6" Top soil and angular GRAVEL; 12" Black, porous FILL; 9" Brown to black, FILL, f-c SAND some SILT trace GRAVEL; no staining, no odor, dry	0.0
2.5						
5.0					12" Brown, f-c SAND some SILT, wet; 15" Brown SILT; no staining, no odor, dry	
	(4-8)	56				0.0
7.5						
				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B35

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/15/08 **COMPLETED** 12/15/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	50	SOIL SAMPLE: RSB-B35 (1-4') 11:15 SUBMITTED		6" Top soil and angular GRAVEL; 12" Yellow, f-c SAND some subangular GRAVEL, staining; 6" Black, f-c SAND and black, porous, angular GRAVEL; no odor, dry	0.0
2.5						
5.0					12" Red, f-c SAND trace rounded GRAVEL; no staining, no odor, dry	
	(4-8)	25				0.0
7.5						
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B36

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/15/08 COMPLETED 12/15/08
GROUND ELEVATION ____ HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula CHECKED BY Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	50	SOIL SAMPLE: RSB-B36 (1-4') 11:45 SUBMITTED		2" Top soil and angular GRAVEL; 1" Black, f-c SAND; 6" Red, f-c SAND some rounded GRAVEL; 6" Yellow, f-c SAND; 6" Black, f-c SAND and GRAVEL, some white discoloring, slight odor; dry	0.0
2.5						
5.0					12" Brown, f-c SAND; 3" Brown CLAY some SILT; 3" Black, c SAND; 12" Brown CLAY trace SILT, with 1" layer of red, f-c SAND; no odor, dry	
	(4-8)	75				0.0
7.5						
				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B37

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/15/08 **COMPLETED** 12/15/08
GROUND ELEVATION ---- **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	56			6" Top soil and angular GRAVEL; 21" Red, f-c SAND with black layers trace GRAVEL; dry	0.0
2.5						
5.0					18" Red, f-c SAND trace rounded GRAVEL; 18" Brown SILT some CLAY; no staining, no odor, dry	
	(4-8)	75	SOIL SAMPLE: RSB-B37 (4-8') 12:45 SUBMITTED			0.0
7.5						
				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B38

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/15/08 **COMPLETED** 12/15/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	44	SOIL SAMPLE: RSB-B38 (1-4') 13:15 SUBMITTED		6" Top soil and angular GRAVEL; 15" Brown, f-c SAND some subangular GRAVEL some black staining; no odor, dry	0.0
2.5						
5.0					12" Red, f-c SAND trace rounded GRAVEL; 24" Brown, f SAND and SILT; no staining, no odor, dry	
	(4-8)	75				0.0
7.5						
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B39

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/15/08 **COMPLETED** 12/15/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	56	SOIL SAMPLE: RSB-B39 (1-4') 13:45 SUBMITTED		6" Top soil and angular GRAVEL; 3" Brown, f-c SAND and rounded GRAVEL; 9" Red, f-c SAND trace subangular GRAVEL; 9" Yellow, f-c SAND; no staining, no odor, dry	0.0
2.5						
5.0					12" Brown, f SAND and SILT; 30" Gray CLAY trace SILT; no staining, no odor, dry	
	(4-8)	88				0.0
7.5						
				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B40

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/15/08 **COMPLETED** 12/15/08
GROUND ELEVATION ___ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ___
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	54	SOIL SAMPLE: RSB-B40 (1-4') 14:15 SUBMITTED		6" Top soil and angular GRAVEL; 3" Black, f-c SAND; 3" Yellow, f-c SAND; 6" Brown, f-c SAND; 2" GRAVEL; 6" Brown, f-c SAND; no odor, dry	0.0
2.5						
5.0					36" Brown CLAY and SILT; no staining, no odor, dry	
	(4-8)	75				0.0
7.5						
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B41

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/15/08 **COMPLETED** 12/15/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0	(0-4)	31			4" Brown, f SAND and angular GRAVEL; 4" Gray, f SAND and angular GRAVEL; 3" Black, f-c SAND; 4" Brown, f-c SAND and rounded GRAVEL; no odor, dry	0.0
2.5						
5.0	(4-8)	31	SOIL SAMPLE: RSB-B41 (1-4') 14:45 SUBMITTED		15" Brown, f-c SAND and rounded GRAVEL; no staining, no odor, dry	0.0
7.5						
8.0					Bottom of hole at 8.0 feet.	

BORING NUMBER RSB-B42

TETRA TECH RIZZO

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/16/08 **COMPLETED** 12/16/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	25			12" Angular GRAVEL; no staining, no odor, dry	0.0
2.5						
5.0	(4-8)	25	SOIL SAMPLE: RSB-B42 (4-8') 9:00 SUBMITTED		12" Brown, f-c SAND some subangular GRAVEL; no staining, no odor, dry	0.0
7.5						
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B43

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/16/08 COMPLETED 12/16/08
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula CHECKED BY Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0	(0-4)	63	SOIL SAMPLE: RSB-B43 (1-4') 9:30 SUBMITTED		3" Top soil and angular GRAVEL; 12" Black, f-c SAND and angular GRAVEL; 9" Red, f-c SAND trace rounded GRAVEL; 6" Brown CLAY trace SILT; no odor, dry	0.0
2.5						
5.0	(4-8)	75			36" Brown CLAY some SILT; no staining, no odor, dry	0.0
7.5						
8.0					Bottom of hole at 8.0 feet.	

BORING NUMBER RSB-B44

TETRA TECH RIZZO

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 1/22/09 COMPLETED 1/22/09
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula CHECKED BY Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(0-4)	50			6" Brown, f SAND and angular, m-f GRAVEL; 18" Black, f-c SAND and black, angular, porous GRAVEL (ash); no odor, dry	0.0
2.5						
5.0					12" Black, f-c SAND and black, angular, porous GRAVEL (ash); 3" Brown CLAY; 9" Black, f-c SAND and black, angular, porous GRAVEL (ash); no odor, dry	
	(4-8)	50	SOIL SAMPLE: RSB-B44 (4-8') 9:00 SUBMITTED			0.0
7.5						
				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B45

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 1/21/09 COMPLETED 1/21/09
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula CHECKED BY Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
	(1-4)	56	SOIL SAMPLE: RSB-B45 (1-4') 14:00 SUBMITTED		3" Angular, f-c GRAVEL; 12" Black, f-c SAND and angular, f-c GRAVEL; 9" Red, f-c SAND; 3" Gray CLAY; no odor, dry	0.0
2.5						
5.0					30" Gray CLAY; no staining, no odor, dry	
	(4-8)	63				0.0
7.5						
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B46

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 1/21/09 **COMPLETED** 1/21/09
GROUND ELEVATION ___ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ___
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0	(0-4)	50	SOIL SAMPLE: RSB-B46 (1-4') 13:30 SUBMITTED		3" Top soil; 12" Black, f-c SAND little rounded GRAVEL; 9" Red, f-c SAND; no odor, dry	0.0
2.5						
4.0						
5.0	(4-8)	75			36" Gray CLAY; no staining, no odor, dry	0.0
7.5						
8.0					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B47

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 2/24/08 COMPLETED 2/24/08
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula CHECKED BY Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0	(0-4)	50			6" Top soil and angular, c GRAVEL; 18" Brown, f-c SAND and subangular, m GRAVEL; no staining, no odor, dry	0.0
2.5						
5.0	(4-8)	50	SOIL SAMPLE: RSB-B47 (4-8') 11:00 SUBMITTED		12" Black, f-c SAND, stained; 3" Red, f-m SAND; 3" Fill, black-gray, f-c SAND some f coal gravel, stained; 3" Red, f-m SAND; no odor, dry	0.0
7.5						
8.0					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B48

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 2/24/08 **COMPLETED** 2/24/08
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0	(0-4)	75	SOIL SAMPLE: RSB-B48 (1-4') 9:30 SUBMITTED		6" Top soil and angular, c GRAVEL; 18" Black, f-c SAND little angular, f-m GRAVEL; 6" Red, f-c SAND; 6" Brown SILT and CLAY; no odor, dry	0.0
2.5	(4-8)	100			48" Brown SILT and CLAY; no staining, no odor, dry	0.0
5.0						
7.5						
8.0					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

WELL NUMBER RSB-2

CLIENT Connecticut Department of Transportation
PROJECT NAME Flatbush Avenue Task 210/220
PROJECT NUMBER 12701186
PROJECT LOCATION Flatbush Avenue, West Hartford and Hartford, CT
DATE STARTED 12/8/08 COMPLETED 12/8/08
GROUND ELEVATION
HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
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	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	WELL DIAGRAM
0		63	SAMPLE: RSB-2 (1-4') 9:10 SUBMITTED		12" Brown, fine to coarse SAND; and fine to coarse, angular GRAVEL; dry, no staining, no odors 18" Brown, fine to coarse SAND; dry, no staining, faint hydrocarbon odor	ND	
5		50			24" Gray, fine SAND; and SILT; dry, no staining, no odor	ND	
10		100	SAMPLE: RSB-2 (8-12') 9:10 SUBMITTED		48" Gray, SILT; and CLAY; wet at 9-feet, no staining, no odor	ND	1" screened PVC pipe installed to 16' depth; Groundwater sample: RSB-2 (GW) 11:00 SUBMITTED
15		100			48" Gray CLAY; some SILT; wet, no staining, no odor	ND	
					16.0 Bottom of hole at 16.0 feet.		

TETRA TECH RIZZO

BORING NUMBER RSB-5

CLIENT Connecticut Department of Transportation
PROJECT NAME Flatbush Avenue Task 210/220
PROJECT NUMBER 12701186
PROJECT LOCATION Flatbush Avenue, West Hartford and Hartford, CT
DATE STARTED 12/8/08 COMPLETED 12/8/08
GROUND ELEVATION ____ HOLE SIZE 2"
DRILLING CONTRACTOR New England Boring
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	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0		75	SAMPLE: RSB-5 (4-8') 9:40 SUBMITTED		24" Black, fine to coarse SAND; some fine to coarse, angular GRAVEL; dry, stained, no odors (2.0)	ND
					12" Red, fine to coarse SAND; dry, no staining, no odors (4.0)	
5		100			48" Gray SILT; and CLAY; dry, no staining, no odors (8.0)	ND
10		88			42" Gray CLAY; some SILT; dry, no staining, no odors (12.0)	ND
15		100			48" Gray CLAY; trace CLAY; wet at 13-feet, no staining, no odor (16.0)	ND
					Bottom of hole at 16.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-B1

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08010
PROJECT LOCATION West Hartford and Hartford, Connecticut
DATE STARTED 12/5/08 **COMPLETED** 12/5/08
GROUND ELEVATION ___ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
AT TIME OF DRILLING ---
LOGGED BY Patrick de Paula **CHECKED BY** Rachel H. Rindfleisch
AT END OF DRILLING ---
NOTES ___
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0	(0-4)	63	SOIL SAMPLE: RSB-B1 (1-4') 9:05 SUBMITTED		6" Angular GRAVEL; 18" Black-yellow, f-c SAND; 6" Black-brown, SILT, stained; no odor, dry	0.1
2.5						
5.0	(4-8)	88			6" Red-brown, f-c SAND and SILT; 6" Red-brown, f-c SAND; 30" Red-brown SILT; no staining, no odor, dry	0.0
7.5						
8.0					Bottom of hole at 8.0 feet.	

Report Date:
22-Dec-08 17:33

☑ 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: Busway - West Hartford, CT
Project 127-17797-08010

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA88555-01	RSB-B1	Soil	05-Dec-08 09:05	08-Dec-08 15:48
SA88555-02	RSB-B2	Soil	05-Dec-08 09:50	08-Dec-08 15:48
SA88555-03	RSB-B3A	Soil	05-Dec-08 10:20	08-Dec-08 15:48
SA88555-04	RSB-B3B	Soil	05-Dec-08 10:45	08-Dec-08 15:48
SA88555-05	RSB-B4	Soil	05-Dec-08 12:20	08-Dec-08 15:48
SA88555-06	RSB-B5	Soil	05-Dec-08 12:45	08-Dec-08 15:48
SA88555-07	RSB-B6	Soil	05-Dec-08 12:50	08-Dec-08 15:48

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

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

Authorized by:

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

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 59 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supercedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report is available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

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

CASE NARRATIVE:

The samples were received 5.8 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.

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.

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

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

SW846 6010B

Duplicates:

8120896-DUP1 *Source: SA88551-02*

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

Chromium

SW846 7471A

Duplicates:

8120897-DUP1 *Source: SA88551-02*

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

Mercury

SW846 8151A

SW846 8151A

Samples:

S815173-CCV2

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

S815173-CCV4

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

SW846 8260B

Laboratory Control Samples:

8120870-BSD1

The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

Tert-amyl methyl ether

Samples:

SA88555-02 *RSB-B2*

The VOC preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA88555-06 *RSB-B5*

The VOC preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SW846 8270C

Laboratory Control Samples:

8121067-BS1

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

4-Chloroaniline
Aniline
Atrazine

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B1 SA88555-01	127-17797-08010	Soil	05-Dec-08 09:05	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	09-Dec-08	09-Dec-08	8120839	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.59 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.1	1	SW846 8260B	10-Dec-08	10-Dec-08	8120870	X
67-64-1	Acetone	BRL		µg/kg dry	71.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.1	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.1	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	14.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	71.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	35.6	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.1	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	14.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.1	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	14.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.1	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	71.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	71.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	71.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.1	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B1 SA88555-01	127-17797-08010	Soil	05-Dec-08 09:05	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 4.59 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.1	1	SW846 8260B	10-Dec-08	10-Dec-08	8120870	X
100-42-5	Styrene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.1	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.1	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	14.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	71.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	71.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	142	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	35.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2850	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*104*		*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	376	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	376	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	376	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	376	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	376	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	376	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	376	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	376	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	376	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	376	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	376	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	376	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	376	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	376	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B1 SA88555-01	127-17797-08010	Soil	05-Dec-08 09:05	08-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	376	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	376	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	376	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	376	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	376	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	376	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	376	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	376	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	376	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	376	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	376	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	376	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	376	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	376	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	376	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	376	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	376	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	376	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	376	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1500	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1500	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	376	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	376	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B1 SA88555-01	127-17797-08010	Soil	05-Dec-08 09:05	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	376	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	376	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	376	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	376	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	376	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*75*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*49*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*68*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*50*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*80*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*76*		*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	22.0	1	SW846 8082	12-Dec-08	14-Dec-08	8121072	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.0	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.0	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.0	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.0	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.0	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.0	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.0	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.0	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*101*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*96*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	15-Dec-08	17-Dec-08	8121201	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*34*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B1 SA88555-01	127-17797-08010	Soil	05-Dec-08 09:05	08-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.1	1	+CT ETPH	12-Dec-08	15-Dec-08	8121068	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.1	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.1	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*98*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.56	1	SW846 6010B	16-Dec-08	18-Dec-08	8120896	X
7440-38-2	Arsenic	2.41		mg/kg dry	1.56	1	"	"	"	"	X
7440-39-3	Barium	37.1		mg/kg dry	1.04	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.520	1	"	"	"	"	X
7440-47-3	Chromium	6.95		mg/kg dry	1.04	1	"	"	"	"	X
7439-97-6	Mercury	0.123		mg/kg dry	0.0321	1	SW846 7471A	"	16-Dec-08	8120897	X
7439-92-1	Lead	41.8		mg/kg dry	1.56	1	SW846 6010B	"	18-Dec-08	8120896	X
7782-49-2	Selenium	BRL		mg/kg dry	1.56	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	86.2		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8120996	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B2 SA88555-02	127-17797-08010	Soil	05-Dec-08 09:50	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	09-Dec-08	09-Dec-08	8120839	
Volatile Organic Compounds			VC10			Initial weight: 6.74 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.3	1	SW846 8260B	10-Dec-08	10-Dec-08	8120870	X
67-64-1	Acetone	BRL		µg/kg dry	52.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	52.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.3	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.5	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.5	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	52.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	52.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	52.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.3	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B2 SA88555-02	127-17797-08010	Soil	05-Dec-08 09:50	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.74 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.3	1	SW846 8260B	10-Dec-08	10-Dec-08	8120870	X
100-42-5	Styrene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.3	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	52.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	52.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	105	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	26.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2100	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*87*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*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	382	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	382	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	382	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	382	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	382	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	382	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	382	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	382	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	382	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	382	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	382	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	382	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	382	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	382	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B2 SA88555-02	127-17797-08010	Soil	05-Dec-08 09:50	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	382	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	382	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	382	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	382	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	382	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	382	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	382	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	382	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	382	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	382	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	382	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	382	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	382	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	382	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	382	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	382	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	382	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	382	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	382	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	382	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	382	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	382	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	382	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	382	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	382	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	382	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	382	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	382	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	382	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	382	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	382	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1530	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1530	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	382	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	382	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B2 SA88555-02	127-17797-08010	Soil	05-Dec-08 09:50	08-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	382	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	382	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	382	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	382	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	382	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*44*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*88*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*45*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*72*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*72*		*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	22.2	1	SW846 8082	12-Dec-08	14-Dec-08	8121072	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.2	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.2	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.2	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.2	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.2	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.2	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.2	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.2	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*93*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*112*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	15-Dec-08	17-Dec-08	8121201	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*31*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B2 SA88555-02	127-17797-08010	Soil	05-Dec-08 09:50	08-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.4	1	+CT ETPH	12-Dec-08	15-Dec-08	8121068	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.4	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.4	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.4	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.4	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.4	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.4	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.4	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.4	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.4	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*87*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.55	1	SW846 6010B	16-Dec-08	18-Dec-08	8120896	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.55	1	"	"	"	"	X
7440-39-3	Barium	30.8		mg/kg dry	1.04	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.518	1	"	"	"	"	X
7440-47-3	Chromium	7.46		mg/kg dry	1.04	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0323	1	SW846 7471A	"	16-Dec-08	8120897	X
7439-92-1	Lead	10.7		mg/kg dry	1.55	1	SW846 6010B	"	18-Dec-08	8120896	X
7782-49-2	Selenium	1.55		mg/kg dry	1.55	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	84.9		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8120996	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B3A SA88555-03	127-17797-08010	Soil	05-Dec-08 10:20	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	09-Dec-08	09-Dec-08	8120839	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.38 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.8	1	SW846 8260B	10-Dec-08	11-Dec-08	8120870	X
67-64-1	Acetone	BRL		µg/kg dry	58.4	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	58.4	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	29.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.7	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.7	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.7	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	58.4	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	58.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	58.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.8	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B3A SA88555-03	127-17797-08010	Soil	05-Dec-08 10:20	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.38 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.8	1	SW846 8260B	10-Dec-08	11-Dec-08	8120870	X
100-42-5	Styrene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	58.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	58.4	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	117	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	29.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2340	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*85*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*107*		*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	363	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	363	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	363	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	363	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	363	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	363	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	363	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	363	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	363	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	363	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	363	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	363	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	363	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	363	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B3A SA88555-03	127-17797-08010	Soil	05-Dec-08 10:20	08-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	363	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	363	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	363	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	363	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	363	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	363	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	363	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	363	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	363	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	363	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	363	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	363	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	363	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	363	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	363	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	363	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	363	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	363	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	363	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	363	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	363	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	363	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	363	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	363	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	363	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	363	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	363	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	363	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	363	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	363	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	363	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1450	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1450	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	363	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	363	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B3A SA88555-03	127-17797-08010	Soil	05-Dec-08 10:20	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	363	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	363	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	363	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	363	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	363	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*69*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*43*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*62*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*45*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*69*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*62*		*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	21.8	1	SW846 8082	12-Dec-08	14-Dec-08	8121072	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.8	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.8	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.8	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.8	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*92*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*104*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	15-Dec-08	17-Dec-08	8121201	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*32*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B3A SA88555-03	127-17797-08010	Soil	05-Dec-08 10:20	08-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.6	1	+CT ETPH	12-Dec-08	15-Dec-08	8121068	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.6	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*85*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.53	1	SW846 6010B	16-Dec-08	18-Dec-08	8120896	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.53	1	"	"	"	"	X
7440-39-3	Barium	57.0		mg/kg dry	1.02	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.510	1	"	"	"	"	X
7440-47-3	Chromium	11.9		mg/kg dry	1.02	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0322	1	SW846 7471A	"	16-Dec-08	8120897	X
7439-92-1	Lead	10.2		mg/kg dry	1.53	1	SW846 6010B	"	18-Dec-08	8120896	X
7782-49-2	Selenium	1.97		mg/kg dry	1.53	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	89.0		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8120996	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B3B SA88555-04	127-17797-08010	Soil	05-Dec-08 10:45	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	09-Dec-08	10-Dec-08	8120839	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.47 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.1	1	SW846 8260B	10-Dec-08	11-Dec-08	8120870	X
67-64-1	Acetone	BRL		µg/kg dry	61.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.1	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	61.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	30.6	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	61.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	61.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	61.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.1	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B3B SA88555-04	127-17797-08010	Soil	05-Dec-08 10:45	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.47 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.1	1	SW846 8260B	10-Dec-08	11-Dec-08	8120870	X
100-42-5	Styrene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.1	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.1	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	61.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	61.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	122	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	30.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2450	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*85*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*93*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*129*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*110*		*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	378	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	378	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	378	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	378	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	378	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	378	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	378	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	378	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	378	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	378	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	378	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	378	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	378	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	378	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B3B SA88555-04	127-17797-08010	Soil	05-Dec-08 10:45	08-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	378	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	378	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	378	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	378	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	378	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	378	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	378	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	378	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	378	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	378	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	378	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	378	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	378	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	378	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	378	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	378	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	378	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	378	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	378	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	378	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	378	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	378	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	378	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	378	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	378	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	378	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1510	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1510	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	378	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	378	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B3B SA88555-04	127-17797-08010	Soil	05-Dec-08 10:45	08-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	378	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	378	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	378	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	378	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	378	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*71*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*44*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*91*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*46*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*73*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*68*		*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	22.1	1	SW846 8082	12-Dec-08	14-Dec-08	8121072	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.1	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*94*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*108*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	15-Dec-08	17-Dec-08	8121201	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*33*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B3B SA88555-04	127-17797-08010	Soil	05-Dec-08 10:45	08-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.2	1	+CT ETPH	12-Dec-08	15-Dec-08	8121068	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*88*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.69	1	SW846 6010B	16-Dec-08	18-Dec-08	8120896	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.69	1	"	"	"	"	X
7440-39-3	Barium	35.9		mg/kg dry	1.13	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.564	1	"	"	"	"	X
7440-47-3	Chromium	8.23		mg/kg dry	1.13	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0341	1	SW846 7471A	"	16-Dec-08	8120897	X
7439-92-1	Lead	3.48		mg/kg dry	1.69	1	SW846 6010B	"	18-Dec-08	8120896	X
7782-49-2	Selenium	BRL		mg/kg dry	1.69	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	86.1		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8120996	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B4	127-17797-08010	Soil	05-Dec-08 12:20	08-Dec-08
SA88555-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	09-Dec-08	09-Dec-08	8120839	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.72 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.1	1	SW846 8260B	10-Dec-08	11-Dec-08	8120870	X
67-64-1	Acetone	BRL		µg/kg dry	60.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.1	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	60.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	30.4	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	60.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	60.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	60.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.1	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B4 SA88555-05	127-17797-08010	Soil	05-Dec-08 12:20	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.72 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.1	1	SW846 8260B	10-Dec-08	11-Dec-08	8120870	X
100-42-5	Styrene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.1	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.1	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	60.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	60.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	122	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	30.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2430	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*93*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*107*		*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	347	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	347	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	347	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	347	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	347	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	347	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	347	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	347	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	347	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	347	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	347	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	347	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	347	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	347	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B4 SA88555-05	127-17797-08010	Soil	05-Dec-08 12:20	08-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	347	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	347	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	347	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	347	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	347	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	347	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	347	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	347	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	347	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	347	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	347	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	347	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	347	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	347	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	347	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	347	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	347	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	347	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	347	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	347	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	347	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	347	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	347	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	347	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	347	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	347	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	347	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	347	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	347	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	347	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	347	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	347	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	347	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	347	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	347	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	347	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	347	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	347	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	347	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	347	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	347	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	347	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	347	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	347	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1390	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	347	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	347	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1390	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	347	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	347	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B4 SA88555-05	127-17797-08010	Soil	05-Dec-08 12:20	08-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	347	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	347	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	347	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	347	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	347	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	347	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	347	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	347	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	347	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	347	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	347	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*38*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*67*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*40*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*62*		*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 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	20.6	1	SW846 8082	12-Dec-08	14-Dec-08	8121072	X
11104-28-2	PCB 1221	BRL		µg/kg dry	20.6	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	20.6	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	20.6	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	20.6	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	20.6	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	20.6	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	20.6	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	20.6	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*97*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*108*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	15-Dec-08	17-Dec-08	8121201	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*35*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B4 SA88555-05	127-17797-08010	Soil	05-Dec-08 12:20	08-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.0	1	+CT ETPH	12-Dec-08	15-Dec-08	8121068	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.0	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.0	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.0	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.0	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*88*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.37	1	SW846 6010B	16-Dec-08	18-Dec-08	8120896	X
7440-38-2	Arsenic	1.65		mg/kg dry	1.37	1	"	"	"	"	X
7440-39-3	Barium	36.2		mg/kg dry	0.916	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.458	1	"	"	"	"	X
7440-47-3	Chromium	8.44		mg/kg dry	0.916	1	"	"	"	"	X
7439-97-6	Mercury	0.0325		mg/kg dry	0.0289	1	SW846 7471A	"	16-Dec-08	8120897	X
7439-92-1	Lead	17.2		mg/kg dry	1.37	1	SW846 6010B	"	18-Dec-08	8120896	X
7782-49-2	Selenium	1.41		mg/kg dry	1.37	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	92.9		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8120996	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B5 SA88555-06	127-17797-08010	Soil	05-Dec-08 12:45	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	09-Dec-08	09-Dec-08	8120839	
Volatile Organic Compounds			VC10			Initial weight: 6.48 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.8	1	SW846 8260B	10-Dec-08	11-Dec-08	8120870	X
67-64-1	Acetone	BRL		µg/kg dry	48.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	48.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	24.1	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	48.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	48.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	48.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.8	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B5 SA88555-06	127-17797-08010	Soil	05-Dec-08 12:45	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.48 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.8	1	SW846 8260B	10-Dec-08	11-Dec-08	8120870	X
100-42-5	Styrene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	48.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	48.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	96.4	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	24.1	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1930	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*87*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*93*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*122*		*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	361	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	361	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	361	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	361	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	361	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	361	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	361	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	361	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	361	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	361	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	361	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	361	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	361	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	361	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B5 SA88555-06	127-17797-08010	Soil	05-Dec-08 12:45	08-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	361	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	361	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	361	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	361	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	361	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	361	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	361	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	361	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	361	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	361	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	361	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	361	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	361	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	361	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	361	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	361	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	361	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	361	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	361	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	361	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	361	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	361	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	361	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	361	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	361	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	361	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	361	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	361	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	361	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	361	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	361	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1440	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1440	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	361	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	361	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B5 SA88555-06	127-17797-08010	Soil	05-Dec-08 12:45	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	361	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	361	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	361	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	361	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	361	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*73*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*45*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*68*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*49*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*74*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*71*		*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	21.2	1	SW846 8082	12-Dec-08	14-Dec-08	8121072	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.2	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.2	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.2	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.2	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.2	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.2	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.2	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.2	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*92*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*104*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	15-Dec-08	17-Dec-08	8121201	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*33*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B5 SA88555-06	127-17797-08010	Soil	05-Dec-08 12:45	08-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.5	1	+CT ETPH	12-Dec-08	15-Dec-08	8121068	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*98*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.41	1	SW846 6010B	16-Dec-08	18-Dec-08	8120896	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.41	1	"	"	"	"	X
7440-39-3	Barium	41.1		mg/kg dry	0.938	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.469	1	"	"	"	"	X
7440-47-3	Chromium	8.27		mg/kg dry	0.938	1	"	"	"	"	X
7439-97-6	Mercury	0.0357		mg/kg dry	0.0324	1	SW846 7471A	"	16-Dec-08	8120897	X
7439-92-1	Lead	6.45		mg/kg dry	1.41	1	SW846 6010B	"	18-Dec-08	8120896	X
7782-49-2	Selenium	1.43		mg/kg dry	1.41	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	90.2		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8120996	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B6 SA88555-07	127-17797-08010	Soil	05-Dec-08 12:50	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	09-Dec-08	09-Dec-08	8120839	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.25 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.7	1	SW846 8260B	10-Dec-08	11-Dec-08	8120870	X
67-64-1	Acetone	BRL		µg/kg dry	57.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.7	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.7	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.4	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	57.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.5	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.7	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.4	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.7	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.4	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.4	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.7	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.4	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	57.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	57.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	57.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.7	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B6 SA88555-07	127-17797-08010	Soil	05-Dec-08 12:50	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.25 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.7	1	SW846 8260B	10-Dec-08	11-Dec-08	8120870	X
100-42-5	Styrene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.7	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.7	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.4	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	57.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	57.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	114	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.5	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2280	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*87*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*93*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*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	360	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	360	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	360	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	360	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	360	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	360	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	360	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	360	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	360	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	360	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	360	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	360	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	360	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	360	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B6	127-17797-08010	Soil	05-Dec-08 12:50	08-Dec-08
SA88555-07				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	360	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	360	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	360	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	360	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	360	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	360	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	360	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	360	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	360	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	360	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	360	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	360	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	360	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	360	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	360	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	360	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	360	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	360	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	360	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	360	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	360	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	360	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	360	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	360	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	360	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	360	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	360	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	360	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	360	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	360	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	360	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	360	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	360	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	360	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	360	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	360	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	360	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	360	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	360	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	360	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	360	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	360	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	360	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	360	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1440	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	360	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	360	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1440	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	360	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	360	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B6 SA88555-07	127-17797-08010	Soil	05-Dec-08 12:50	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	360	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	360	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	360	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	360	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	360	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	360	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	360	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	360	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	360	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	360	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	360	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*70*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*44*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*65*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*46*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*71*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*67*		*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	21.0	1	SW846 8082	12-Dec-08	14-Dec-08	8121072	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.0	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.0	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.0	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.0	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.0	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.0	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.0	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.0	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*91*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*118*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	15-Dec-08	17-Dec-08	8121201	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*38*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B6 SA88555-07	127-17797-08010	Soil	05-Dec-08 12:50	08-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.5	1	+CT ETPH	12-Dec-08	15-Dec-08	8121068	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*86*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.48	1	SW846 6010B	16-Dec-08	18-Dec-08	8120896	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.48	1	"	"	"	"	X
7440-39-3	Barium	46.2		mg/kg dry	0.988	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.494	1	"	"	"	"	X
7440-47-3	Chromium	9.92		mg/kg dry	0.988	1	"	"	"	"	X
7439-97-6	Mercury	0.0316		mg/kg dry	0.0297	1	SW846 7471A	"	16-Dec-08	8120897	X
7439-92-1	Lead	9.83		mg/kg dry	1.48	1	SW846 6010B	"	18-Dec-08	8120896	X
7782-49-2	Selenium	1.52		mg/kg dry	1.48	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	91.3		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8120996	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120870 - SW846 5035A Soil (low level)										
Blank (8120870-BLK1)										
Prepared & Analyzed: 10-Dec-08										
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 8120870 - SW846 5035A Soil (low level)										
Blank (8120870-BLK1)										
Prepared & Analyzed: 10-Dec-08										
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						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	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						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*46.6*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: Toluene-d8	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*59.6*		µg/kg wet		*50.0*		*119*	*70-130*		
Surrogate: Dibromofluoromethane	*52.6*		µg/kg wet		*50.0*		*105*	*70-130*		
LCS (8120870-BS1)										
Prepared & Analyzed: 10-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.4		µg/kg wet		20.0		107	70-130		
Acetone	10.2		µg/kg wet		20.0		51	0-168		
Acrylonitrile	18.5		µg/kg wet		20.0		93	70-130		
Benzene	21.3		µg/kg wet		20.0		107	70-130		
Bromobenzene	18.4		µg/kg wet		20.0		92	70-130		
Bromochloromethane	17.0		µg/kg wet		20.0		85	70-130		
Bromodichloromethane	20.6		µg/kg wet		20.0		103	70-130		
Bromoform	19.5		µg/kg wet		20.0		98	70-130		
Bromomethane	15.8		µg/kg wet		20.0		79	40.9-138		
2-Butanone (MEK)	16.6		µg/kg wet		20.0		83	29.8-145		
n-Butylbenzene	21.4		µg/kg wet		20.0		107	70-130		
sec-Butylbenzene	19.0		µg/kg wet		20.0		95	70-130		
tert-Butylbenzene	18.6		µg/kg wet		20.0		93	70-130		
Carbon disulfide	20.3		µg/kg wet		20.0		101	70-130		
Carbon tetrachloride	22.3		µg/kg wet		20.0		111	70-130		
Chlorobenzene	20.5		µg/kg wet		20.0		103	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120870 - SW846 5035A Soil (low level)										
LCS (8120870-BS1)										
Prepared & Analyzed: 10-Dec-08										
Chloroethane	16.8		µg/kg wet		20.0		84	47.5-130		
Chloroform	18.9		µg/kg wet		20.0		94	70-130		
Chloromethane	14.3		µg/kg wet		20.0		72	70-130		
2-Chlorotoluene	20.0		µg/kg wet		20.0		100	70-130		
4-Chlorotoluene	18.7		µg/kg wet		20.0		93	70-130		
1,2-Dibromo-3-chloropropane	19.8		µg/kg wet		20.0		99	70-130		
Dibromochloromethane	18.9		µg/kg wet		20.0		95	66.2-130		
1,2-Dibromoethane (EDB)	18.0		µg/kg wet		20.0		90	70-130		
Dibromomethane	19.4		µg/kg wet		20.0		97	70-130		
1,2-Dichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
1,3-Dichlorobenzene	17.6		µg/kg wet		20.0		88	70-130		
1,4-Dichlorobenzene	19.7		µg/kg wet		20.0		99	70-130		
Dichlorodifluoromethane (Freon12)	15.0		µg/kg wet		20.0		75	32-158		
1,1-Dichloroethane	19.8		µg/kg wet		20.0		99	70-130		
1,2-Dichloroethane	19.6		µg/kg wet		20.0		98	70-130		
1,1-Dichloroethene	21.2		µg/kg wet		20.0		106	70-130		
cis-1,2-Dichloroethene	19.5		µg/kg wet		20.0		98	70-130		
trans-1,2-Dichloroethene	21.6		µg/kg wet		20.0		108	70-130		
1,2-Dichloropropane	21.1		µg/kg wet		20.0		105	70-130		
1,3-Dichloropropane	18.4		µg/kg wet		20.0		92	70-130		
2,2-Dichloropropane	19.3		µg/kg wet		20.0		97	70-130		
1,1-Dichloropropene	22.1		µg/kg wet		20.0		110	70-130		
cis-1,3-Dichloropropene	18.3		µg/kg wet		20.0		91	70-130		
trans-1,3-Dichloropropene	18.7		µg/kg wet		20.0		93	70-130		
Ethylbenzene	20.6		µg/kg wet		20.0		103	70-130		
Hexachlorobutadiene	19.0		µg/kg wet		20.0		95	53.6-138		
2-Hexanone (MBK)	17.5		µg/kg wet		20.0		87	70-130		
Isopropylbenzene	20.7		µg/kg wet		20.0		104	70-130		
4-Isopropyltoluene	20.5		µg/kg wet		20.0		103	70-130		
Methyl tert-butyl ether	21.1		µg/kg wet		20.0		105	70-130		
4-Methyl-2-pentanone (MIBK)	18.2		µg/kg wet		20.0		91	53.5-137		
Methylene chloride	17.3		µg/kg wet		20.0		87	70-130		
Naphthalene	17.5		µg/kg wet		20.0		87	70-130		
n-Propylbenzene	20.3		µg/kg wet		20.0		102	70-130		
Styrene	19.6		µg/kg wet		20.0		98	70-130		
1,1,1,2-Tetrachloroethane	20.4		µg/kg wet		20.0		102	70-130		
1,1,2,2-Tetrachloroethane	18.9		µg/kg wet		20.0		94	70-130		
Tetrachloroethene	19.8		µg/kg wet		20.0		99	70-130		
Toluene	17.7		µg/kg wet		20.0		89	70-130		
1,2,3-Trichlorobenzene	18.1		µg/kg wet		20.0		91	70-130		
1,2,4-Trichlorobenzene	18.3		µg/kg wet		20.0		91	70-130		
1,3,5-Trichlorobenzene	20.1		µg/kg wet		20.0		101	70-130		
1,1,1-Trichloroethane	21.0		µg/kg wet		20.0		105	70-130		
1,1,2-Trichloroethane	18.7		µg/kg wet		20.0		93	70-130		
Trichloroethene	20.2		µg/kg wet		20.0		101	70-130		
Trichlorofluoromethane (Freon 11)	21.2		µg/kg wet		20.0		106	50.9-138		
1,2,3-Trichloropropane	17.2		µg/kg wet		20.0		86	70-130		
1,2,4-Trimethylbenzene	19.0		µg/kg wet		20.0		95	70-130		
1,3,5-Trimethylbenzene	19.2		µg/kg wet		20.0		96	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120870 - SW846 5035A Soil (low level)										
LCS (8120870-BS1)										
Prepared & Analyzed: 10-Dec-08										
Vinyl chloride	16.6		µg/kg wet		20.0		83	70-130		
m,p-Xylene	40.3		µg/kg wet		40.0		101	70-130		
o-Xylene	19.3		µg/kg wet		20.0		97	70-130		
Tetrahydrofuran	18.4		µg/kg wet		20.0		92	70-130		
Ethyl ether	20.8		µg/kg wet		20.0		104	61.4-130		
Tert-amyl methyl ether	16.7		µg/kg wet		20.0		84	70-130		
Ethyl tert-butyl ether	21.0		µg/kg wet		20.0		105	70-130		
Di-isopropyl ether	21.9		µg/kg wet		20.0		110	70-130		
Tert-Butanol / butyl alcohol	160		µg/kg wet		200		80	70-130		
1,4-Dioxane	162		µg/kg wet		200		81	48.3-142		
trans-1,4-Dichloro-2-butene	17.3		µg/kg wet		20.0		87	70-130		
Ethanol	293		µg/kg wet		400		73	70-130		
Surrogate: 4-Bromofluorobenzene	*46.9*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*47.4*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.2*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*49.6*		µg/kg wet		*50.0*		*99*	*70-130*		
LCS Dup (8120870-BSD1)										
Prepared & Analyzed: 10-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.9		µg/kg wet		20.0		109	70-130	2	25
Acetone	12.7		µg/kg wet		20.0		64	0-168	22	50
Acrylonitrile	17.5		µg/kg wet		20.0		88	70-130	6	25
Benzene	22.1		µg/kg wet		20.0		111	70-130	4	25
Bromobenzene	19.2		µg/kg wet		20.0		96	70-130	4	25
Bromochloromethane	18.3		µg/kg wet		20.0		91	70-130	7	25
Bromodichloromethane	20.2		µg/kg wet		20.0		101	70-130	2	25
Bromoform	18.4		µg/kg wet		20.0		92	70-130	6	25
Bromomethane	18.6		µg/kg wet		20.0		93	40.9-138	16	50
2-Butanone (MEK)	15.2		µg/kg wet		20.0		76	29.8-145	9	50
n-Butylbenzene	22.3		µg/kg wet		20.0		112	70-130	4	25
sec-Butylbenzene	21.3		µg/kg wet		20.0		106	70-130	11	25
tert-Butylbenzene	20.7		µg/kg wet		20.0		103	70-130	11	25
Carbon disulfide	22.2		µg/kg wet		20.0		111	70-130	9	25
Carbon tetrachloride	22.9		µg/kg wet		20.0		115	70-130	3	25
Chlorobenzene	20.9		µg/kg wet		20.0		105	70-130	2	25
Chloroethane	19.6		µg/kg wet		20.0		98	47.5-130	15	50
Chloroform	19.9		µg/kg wet		20.0		99	70-130	5	25
Chloromethane	16.9		µg/kg wet		20.0		85	70-130	16	25
2-Chlorotoluene	21.1		µg/kg wet		20.0		106	70-130	6	25
4-Chlorotoluene	20.2		µg/kg wet		20.0		101	70-130	8	25
1,2-Dibromo-3-chloropropane	19.0		µg/kg wet		20.0		95	70-130	4	25
Dibromochloromethane	19.2		µg/kg wet		20.0		96	66.2-130	1	50
1,2-Dibromoethane (EDB)	18.4		µg/kg wet		20.0		92	70-130	2	25
Dibromomethane	19.2		µg/kg wet		20.0		96	70-130	0.7	25
1,2-Dichlorobenzene	19.7		µg/kg wet		20.0		98	70-130	2	25
1,3-Dichlorobenzene	19.0		µg/kg wet		20.0		95	70-130	8	25
1,4-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130	1	25
Dichlorodifluoromethane (Freon12)	18.2		µg/kg wet		20.0		91	32-158	19	50
1,1-Dichloroethane	20.6		µg/kg wet		20.0		103	70-130	4	25
1,2-Dichloroethane	19.5		µg/kg wet		20.0		98	70-130	0.4	25
1,1-Dichloroethene	22.2		µg/kg wet		20.0		111	70-130	5	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120870 - SW846 5035A Soil (low level)										
LCS Dup (8120870-BSD1)										
Prepared & Analyzed: 10-Dec-08										
cis-1,2-Dichloroethene	19.8		µg/kg wet		20.0		99	70-130	1	25
trans-1,2-Dichloroethene	22.7		µg/kg wet		20.0		113	70-130	5	25
1,2-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130	0.2	25
1,3-Dichloropropane	17.8		µg/kg wet		20.0		89	70-130	3	25
2,2-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130	4	25
1,1-Dichloropropene	22.7		µg/kg wet		20.0		113	70-130	3	25
cis-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	5	25
trans-1,3-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130	0.3	25
Ethylbenzene	21.3		µg/kg wet		20.0		107	70-130	4	25
Hexachlorobutadiene	19.6		µg/kg wet		20.0		98	53.6-138	3	50
2-Hexanone (MBK)	17.2		µg/kg wet		20.0		86	70-130	1	25
Isopropylbenzene	22.3		µg/kg wet		20.0		112	70-130	7	25
4-Isopropyltoluene	21.1		µg/kg wet		20.0		106	70-130	3	25
Methyl tert-butyl ether	20.1		µg/kg wet		20.0		101	70-130	5	25
4-Methyl-2-pentanone (MIBK)	15.0		µg/kg wet		20.0		75	53.5-137	20	50
Methylene chloride	19.6		µg/kg wet		20.0		98	70-130	13	25
Naphthalene	16.1		µg/kg wet		20.0		81	70-130	8	25
n-Propylbenzene	21.9		µg/kg wet		20.0		109	70-130	7	25
Styrene	20.6		µg/kg wet		20.0		103	70-130	5	25
1,1,1,2-Tetrachloroethane	20.3		µg/kg wet		20.0		102	70-130	0.6	25
1,1,2,2-Tetrachloroethane	18.4		µg/kg wet		20.0		92	70-130	3	25
Tetrachloroethene	20.5		µg/kg wet		20.0		102	70-130	3	25
Toluene	18.5		µg/kg wet		20.0		93	70-130	4	25
1,2,3-Trichlorobenzene	18.0		µg/kg wet		20.0		90	70-130	0.4	25
1,2,4-Trichlorobenzene	18.3		µg/kg wet		20.0		91	70-130	0.05	25
1,3,5-Trichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	1	25
1,1,1-Trichloroethane	22.1		µg/kg wet		20.0		110	70-130	5	25
1,1,2-Trichloroethane	18.2		µg/kg wet		20.0		91	70-130	2	25
Trichloroethene	21.4		µg/kg wet		20.0		107	70-130	6	25
Trichlorofluoromethane (Freon 11)	22.9		µg/kg wet		20.0		114	50.9-138	8	50
1,2,3-Trichloropropane	16.6		µg/kg wet		20.0		83	70-130	4	25
1,2,4-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130	8	25
1,3,5-Trimethylbenzene	21.0		µg/kg wet		20.0		105	70-130	9	25
Vinyl chloride	19.2		µg/kg wet		20.0		96	70-130	15	25
m,p-Xylene	43.3		µg/kg wet		40.0		108	70-130	7	25
o-Xylene	21.1		µg/kg wet		20.0		106	70-130	9	25
Tetrahydrofuran	17.0		µg/kg wet		20.0		85	70-130	8	25
Ethyl ether	20.2		µg/kg wet		20.0		101	61.4-130	3	50
Tert-amyl methyl ether	23.0	QR2	µg/kg wet		20.0		115	70-130	32	25
Ethyl tert-butyl ether	19.5		µg/kg wet		20.0		97	70-130	7	25
Di-isopropyl ether	21.8		µg/kg wet		20.0		109	70-130	0.5	25
Tert-Butanol / butyl alcohol	146		µg/kg wet		200		73	70-130	9	25
1,4-Dioxane	152		µg/kg wet		200		76	48.3-142	7	25
trans-1,4-Dichloro-2-butene	15.9		µg/kg wet		20.0		80	70-130	8	25
Ethanol	357		µg/kg wet		400		89	70-130	20	30
Surrogate: 4-Bromofluorobenzene	*48.7*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*49.3*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.3*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*49.0*		µg/kg wet		*50.0*		*98*	*70-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121067 - SW846 3550B										
Blank (8121067-BLK1)										
Prepared: 12-Dec-08 Analyzed: 17-Dec-08										
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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121067 - SW846 3550B										
Blank (8121067-BLK1)										
Prepared: 12-Dec-08 Analyzed: 17-Dec-08										
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						
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	*2180*		µg/kg wet		*3330*		*65*	*30-130*		
Surrogate: 2-Fluorophenol	*1750*		µg/kg wet		*3330*		*52*	*15-110*		
Surrogate: Nitrobenzene-d5	*2060*		µg/kg wet		*3330*		*62*	*30-130*		
Surrogate: Phenol-d5	*1590*		µg/kg wet		*3330*		*48*	*15-110*		
Surrogate: Terphenyl-dl4	*2470*		µg/kg wet		*3330*		*74*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2530*		µg/kg wet		*3330*		*76*	*15-110*		
LCS (8121067-BS1)										
Prepared: 12-Dec-08 Analyzed: 17-Dec-08										
Acenaphthene	2540		µg/kg wet	330	3330		76	40-130		
Acenaphthylene	2510		µg/kg wet	330	3330		75	40-130		
Aniline	172	QC2	µg/kg wet	330	3330		5	40-130		
Anthracene	2300		µg/kg wet	330	3330		69	40-130		
Atrazine	898	QC2	µg/kg wet	330	3330		27	40-130		
Azobenzene/Diphenyldiazine	2410		µg/kg wet	330	3330		72	40-130		
Benzidine	BRL		µg/kg wet	330	3330			0-130		
Benzo (a) anthracene	2770		µg/kg wet	330	3330		83	40-130		
Benzo (a) pyrene	2250		µg/kg wet	330	3330		68	40-130		
Benzo (b) fluoranthene	2610		µg/kg wet	330	3330		78	40-130		
Benzo (g,h,i) perylene	2000		µg/kg wet	330	3330		60	40-130		
Benzo (k) fluoranthene	2200		µg/kg wet	330	3330		66	40-130		
Benzoic acid	2480		µg/kg wet	330	3330		74	3.25-130		
Benzyl alcohol	1670		µg/kg wet	330	3330		50	40-130		
Bis(2-chloroethoxy)methane	2350		µg/kg wet	330	3330		70	40-130		
Bis(2-chloroethyl)ether	2280		µg/kg wet	330	3330		68	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 8121067 - SW846 3550B										
LCS (8121067-BS1)										
Prepared: 12-Dec-08 Analyzed: 17-Dec-08										
Bis(2-chloroisopropyl)ether	2080		µg/kg wet	330	3330		62	40-130		
Bis(2-ethylhexyl)phthalate	2990		µg/kg wet	330	3330		90	40-130		
4-Bromophenyl phenyl ether	2690		µg/kg wet	330	3330		81	40-130		
Butyl benzyl phthalate	2790		µg/kg wet	330	3330		84	40-130		
Carbazole	2390		µg/kg wet	330	3330		72	40-130		
4-Chloro-3-methylphenol	2500		µg/kg wet	330	3330		75	40-130		
4-Chloroaniline	866	QC2	µg/kg wet	330	3330		26	40-130		
2-Chloronaphthalene	2320		µg/kg wet	330	3330		70	40-130		
2-Chlorophenol	2340		µg/kg wet	330	3330		70	40-130		
4-Chlorophenyl phenyl ether	2800		µg/kg wet	330	3330		84	40-130		
Chrysene	2640		µg/kg wet	330	3330		79	40-130		
Dibenzo (a,h) anthracene	2400		µg/kg wet	330	3330		72	40-130		
Dibenzofuran	2460		µg/kg wet	330	3330		74	40-130		
1,2-Dichlorobenzene	2310		µg/kg wet	330	3330		69	40-130		
1,3-Dichlorobenzene	2110		µg/kg wet	330	3330		63	40-130		
1,4-Dichlorobenzene	2260		µg/kg wet	330	3330		68	40-130		
3,3'-Dichlorobenzidine	2080		µg/kg wet	330	3330		62	40-130		
2,4-Dichlorophenol	2420		µg/kg wet	330	3330		73	40-130		
Diethyl phthalate	2830		µg/kg wet	330	3330		85	40-130		
Dimethyl phthalate	2810		µg/kg wet	330	3330		84	40-130		
2,4-Dimethylphenol	2190		µg/kg wet	330	3330		66	40-130		
Di-n-butyl phthalate	2770		µg/kg wet	330	3330		83	40-130		
4,6-Dinitro-2-methylphenol	2390		µg/kg wet	330	3330		72	40-130		
2,4-Dinitrophenol	2500		µg/kg wet	330	3330		75	40-130		
2,4-Dinitrotoluene	2800		µg/kg wet	330	3330		84	40-130		
2,6-Dinitrotoluene	2670		µg/kg wet	330	3330		80	40-130		
Di-n-octyl phthalate	3050		µg/kg wet	330	3330		92	40-130		
Fluoranthene	2390		µg/kg wet	330	3330		72	40-130		
Fluorene	2480		µg/kg wet	330	3330		74	40-130		
Hexachlorobenzene	2410		µg/kg wet	330	3330		72	40-130		
Hexachlorobutadiene	2450		µg/kg wet	330	3330		73	40-130		
Hexachlorocyclopentadiene	1360		µg/kg wet	330	3330		41	40-130		
Hexachloroethane	2230		µg/kg wet	330	3330		67	40-130		
Indeno (1,2,3-cd) pyrene	2170		µg/kg wet	330	3330		65	40-130		
1-Methylnaphthalene	2370		µg/kg wet	330	3330		71	40-140		
Isophorone	2100		µg/kg wet	330	3330		63	40-130		
2-Methylnaphthalene	2300		µg/kg wet	330	3330		69	40-130		
2-Methylphenol	2400		µg/kg wet	330	3330		72	40-130		
3 & 4-Methylphenol	2420		µg/kg wet	330	3330		73	40-130		
Naphthalene	2340		µg/kg wet	330	3330		70	40-130		
2-Nitroaniline	2570		µg/kg wet	330	3330		77	40-130		
3-Nitroaniline	1790		µg/kg wet	330	3330		54	40-130		
4-Nitroaniline	2200		µg/kg wet	1320	3330		66	40-130		
Nitrobenzene	2230		µg/kg wet	330	3330		67	40-130		
2-Nitrophenol	2560		µg/kg wet	330	3330		77	40-130		
4-Nitrophenol	2670		µg/kg wet	1320	3330		80	40-130		
N-Nitrosodimethylamine	1830		µg/kg wet	330	3330		55	40-130		
N-Nitrosodi-n-propylamine	2580		µg/kg wet	330	3330		77	40-130		
N-Nitrosodiphenylamine	2730		µg/kg wet	330	3330		82	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 8121067 - SW846 3550B										
LCS (8121067-BS1)										
Prepared: 12-Dec-08 Analyzed: 17-Dec-08										
Pentachlorophenol	2620		µg/kg wet	330	3330		79	40-130		
Phenanthrene	2570		µg/kg wet	330	3330		77	40-130		
Phenol	2150		µg/kg wet	330	3330		64	40-130		
Pyrene	2810		µg/kg wet	330	3330		84	40-130		
Pyridine	303		µg/kg wet	330	3330		9	0-130		
1,2,4-Trichlorobenzene	2230		µg/kg wet	330	3330		67	40-130		
2,4,5-Trichlorophenol	2510		µg/kg wet	330	3330		75	40-130		
2,4,6-Trichlorophenol	2380		µg/kg wet	330	3330		71	40-130		
Pentachloronitrobenzene	2700		µg/kg wet	330	3330		81	40-140		
1,2,4,5-Tetrachlorobenzene	2260		µg/kg wet	330	3330		68	40-140		
Surrogate: 2-Fluorobiphenyl	*2370*		µg/kg wet		*3330*		*71*	*30-130*		
Surrogate: 2-Fluorophenol	*2000*		µg/kg wet		*3330*		*60*	*15-110*		
Surrogate: Nitrobenzene-d5	*2320*		µg/kg wet		*3330*		*70*	*30-130*		
Surrogate: Phenol-d5	*1850*		µg/kg wet		*3330*		*56*	*15-110*		
Surrogate: Terphenyl-d14	*2600*		µg/kg wet		*3330*		*78*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2880*		µg/kg wet		*3330*		*86*	*15-110*		
Duplicate (8121067-DUP1) **Source: SA88527-01**										
Prepared: 12-Dec-08 Analyzed: 17-Dec-08										
Acenaphthene	BRL		µg/kg dry	418		BRL				50
Acenaphthylene	BRL		µg/kg dry	418		BRL				50
Aniline	BRL		µg/kg dry	418		BRL				50
Anthracene	BRL		µg/kg dry	418		BRL				50
Atrazine	BRL		µg/kg dry	418		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	418		BRL				50
Benzidine	BRL		µg/kg dry	418		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	418		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	418		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	418		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	418		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	418		BRL				50
Benzoic acid	BRL		µg/kg dry	418		BRL				50
Benzyl alcohol	BRL		µg/kg dry	418		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	418		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	418		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	418		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	418		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	418		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	418		BRL				50
Carbazole	BRL		µg/kg dry	418		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	418		BRL				50
4-Chloroaniline	BRL		µg/kg dry	418		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	418		BRL				50
2-Chlorophenol	BRL		µg/kg dry	418		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	418		BRL				50
Chrysene	BRL		µg/kg dry	418		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	418		BRL				50
Dibenzofuran	BRL		µg/kg dry	418		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	418		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	418		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	418		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121067 - SW846 3550B										
Duplicate (8121067-DUP1) **Source: SA88527-01**										
Prepared: 12-Dec-08 Analyzed: 17-Dec-08										
3,3'-Dichlorobenzidine	BRL		µg/kg dry	418		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	418		BRL				50
Diethyl phthalate	BRL		µg/kg dry	418		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	418		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	418		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	418		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	418		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	418		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	418		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	418		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	418		BRL				50
Fluoranthene	BRL		µg/kg dry	418		BRL				50
Fluorene	BRL		µg/kg dry	418		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	418		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	418		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	418		BRL				50
Hexachloroethane	BRL		µg/kg dry	418		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	418		BRL				50
Isophorone	BRL		µg/kg dry	418		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	418		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	418		BRL				50
2-Methylphenol	BRL		µg/kg dry	418		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	418		BRL				50
Naphthalene	BRL		µg/kg dry	418		BRL				50
2-Nitroaniline	BRL		µg/kg dry	418		BRL				50
3-Nitroaniline	BRL		µg/kg dry	418		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1670		BRL				50
Nitrobenzene	BRL		µg/kg dry	418		BRL				50
2-Nitrophenol	BRL		µg/kg dry	418		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1670		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	418		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	418		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	418		BRL				50
Pentachlorophenol	BRL		µg/kg dry	418		BRL				50
Phenanthrene	BRL		µg/kg dry	418		BRL				50
Phenol	BRL		µg/kg dry	418		BRL				50
Pyrene	BRL		µg/kg dry	418		BRL				50
Pyridine	BRL		µg/kg dry	418		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	418		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	418		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	418		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	418		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	418		BRL				50
Surrogate: 2-Fluorobiphenyl	*1770*		µg/kg dry		*4220*		*42*	*30-130*		
Surrogate: 2-Fluorophenol	*1350*		µg/kg dry		*4220*		*32*	*15-110*		
Surrogate: Nitrobenzene-d5	*1680*		µg/kg dry		*4220*		*40*	*30-130*		
Surrogate: Phenol-d5	*1240*		µg/kg dry		*4220*		*29*	*15-110*		
Surrogate: Terphenyl-d14	*1890*		µg/kg dry		*4220*		*45*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1900*		µg/kg dry		*4220*		*45*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121067 - SW846 3550B										
Matrix Spike (8121067-MS1) Source: SA88527-01										
Prepared: 12-Dec-08 Analyzed: 17-Dec-08										
Acenaphthene	3320		µg/kg dry	429	4330	BRL	77	40-140		
Benzo (b) fluoranthene	3440		µg/kg dry	429	4330	BRL	79	40-140		
Benzo (k) fluoranthene	3030		µg/kg dry	429	4330	BRL	70	40-140		
4-Chloro-3-methylphenol	3300		µg/kg dry	429	4330	BRL	76	30-130		
2-Chlorophenol	3100		µg/kg dry	429	4330	BRL	72	30-130		
Chrysene	3440		µg/kg dry	429	4330	BRL	79	40-140		
1,4-Dichlorobenzene	3080		µg/kg dry	429	4330	BRL	71	40-140		
Indeno (1,2,3-cd) pyrene	2810		µg/kg dry	429	4330	BRL	65	40-140		
Naphthalene	3120		µg/kg dry	429	4330	BRL	72	40-140		
4-Nitrophenol	3560		µg/kg dry	1710	4330	BRL	82	30-130		
N-Nitrosodi-n-propylamine	3360		µg/kg dry	429	4330	BRL	77	40-140		
Pentachlorophenol	3340		µg/kg dry	429	4330	BRL	77	30-130		
Phenol	2910		µg/kg dry	429	4330	BRL	67	30-130		
Pyrene	3590		µg/kg dry	429	4330	BRL	83	40-140		
1,2,4-Trichlorobenzene	3020		µg/kg dry	429	4330	BRL	70	40-140		
Surrogate: 2-Fluorobiphenyl	*2990*		µg/kg dry		*4330*		*69*	*30-130*		
Surrogate: 2-Fluorophenol	*2510*		µg/kg dry		*4330*		*58*	*15-110*		
Surrogate: Nitrobenzene-d5	*2920*		µg/kg dry		*4330*		*68*	*30-130*		
Surrogate: Phenol-d5	*2320*		µg/kg dry		*4330*		*54*	*15-110*		
Surrogate: Terphenyl-dl4	*3260*		µg/kg dry		*4330*		*75*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3610*		µg/kg dry		*4330*		*83*	*15-110*		
Matrix Spike Dup (8121067-MSD1) Source: SA88527-01										
Prepared: 12-Dec-08 Analyzed: 17-Dec-08										
Acenaphthene	3350		µg/kg dry	418	4220	BRL	79	40-140	4	30
Benzo (b) fluoranthene	3850		µg/kg dry	418	4220	BRL	91	40-140	14	30
Benzo (k) fluoranthene	2640		µg/kg dry	418	4220	BRL	63	40-140	11	30
4-Chloro-3-methylphenol	3350		µg/kg dry	418	4220	BRL	79	30-130	4	30
2-Chlorophenol	3070		µg/kg dry	418	4220	BRL	73	30-130	2	30
Chrysene	3560		µg/kg dry	418	4220	BRL	84	40-140	6	30
1,4-Dichlorobenzene	3030		µg/kg dry	418	4220	BRL	72	40-140	1	30
Indeno (1,2,3-cd) pyrene	2870		µg/kg dry	418	4220	BRL	68	40-140	4	30
Naphthalene	3140		µg/kg dry	418	4220	BRL	74	40-140	3	30
4-Nitrophenol	3650		µg/kg dry	1670	4220	BRL	86	30-130	5	30
N-Nitrosodi-n-propylamine	3380		µg/kg dry	418	4220	BRL	80	40-140	3	30
Pentachlorophenol	3410		µg/kg dry	418	4220	BRL	81	30-130	5	30
Phenol	2870		µg/kg dry	418	4220	BRL	68	30-130	1	30
Pyrene	3650		µg/kg dry	418	4220	BRL	86	40-140	4	30
1,2,4-Trichlorobenzene	2990		µg/kg dry	418	4220	BRL	71	40-140	2	30
Surrogate: 2-Fluorobiphenyl	*2980*		µg/kg dry		*4220*		*71*	*30-130*		
Surrogate: 2-Fluorophenol	*2490*		µg/kg dry		*4220*		*59*	*15-110*		
Surrogate: Nitrobenzene-d5	*2940*		µg/kg dry		*4220*		*70*	*30-130*		
Surrogate: Phenol-d5	*2320*		µg/kg dry		*4220*		*55*	*15-110*		
Surrogate: Terphenyl-dl4	*3340*		µg/kg dry		*4220*		*79*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3670*		µg/kg dry		*4220*		*87*	*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 8121072 - SW846 3545A										
Blank (8121072-BLK1)										
Prepared: 12-Dec-08 Analyzed: 14-Dec-08										
PCB 1016	BRL		µg/kg wet	20.0						
PCB 1221	BRL		µg/kg wet	20.0						
PCB 1232	BRL		µg/kg wet	20.0						
PCB 1242	BRL		µg/kg wet	20.0						
PCB 1248	BRL		µg/kg wet	20.0						
PCB 1254	BRL		µg/kg wet	20.0						
PCB 1260	BRL		µg/kg wet	20.0						
PCB 1262	BRL		µg/kg wet	20.0						
PCB 1268	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.1*		µg/kg wet		*20.0*		*76*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.2*		µg/kg wet		*20.0*		*101*	*30-150*		
LCS (8121072-BS1)										
Prepared: 12-Dec-08 Analyzed: 14-Dec-08										
PCB 1016	231		µg/kg wet	20.0	250		92	40-140		
PCB 1260	232		µg/kg wet	20.0	250		93	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.4*		µg/kg wet		*20.0*		*77*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.4*		µg/kg wet		*20.0*		*102*	*30-150*		
LCS Dup (8121072-BSD1)										
Prepared: 12-Dec-08 Analyzed: 14-Dec-08										
PCB 1016	228		µg/kg wet	20.0	250		91	40-140	1	30
PCB 1260	240		µg/kg wet	20.0	250		96	40-140	3	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.5*		µg/kg wet		*20.0*		*78*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.4*		µg/kg wet		*20.0*		*107*	*30-150*		
Duplicate (8121072-DUP1) **Source: SA88527-01**										
Prepared: 12-Dec-08 Analyzed: 14-Dec-08										
PCB 1016	BRL		µg/kg dry	25.7		BRL				40
PCB 1221	BRL		µg/kg dry	25.7		BRL				40
PCB 1232	BRL		µg/kg dry	25.7		BRL				40
PCB 1242	BRL		µg/kg dry	25.7		BRL				40
PCB 1248	BRL		µg/kg dry	25.7		BRL				40
PCB 1254	BRL		µg/kg dry	25.7		BRL				40
PCB 1260	BRL		µg/kg dry	25.7		BRL				40
PCB 1262	BRL		µg/kg dry	25.7		BRL				40
PCB 1268	BRL		µg/kg dry	25.7		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.9*		µg/kg dry		*25.7*		*93*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.3*		µg/kg dry		*25.7*		*118*	*30-150*		
Matrix Spike (8121072-MS1) **Source: SA88527-01**										
Prepared: 12-Dec-08 Analyzed: 14-Dec-08										
PCB 1016	322		µg/kg dry	25.2	315	BRL	102	40-140		
PCB 1260	349		µg/kg dry	25.2	315	BRL	111	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.8*		µg/kg dry		*25.2*		*94*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.8*		µg/kg dry		*25.2*		*122*	*30-150*		
Matrix Spike Dup (8121072-MSD1) **Source: SA88527-01**										
Prepared: 12-Dec-08 Analyzed: 14-Dec-08										
PCB 1016	335		µg/kg dry	24.7	309	BRL	109	40-140	6	50
PCB 1260	362		µg/kg dry	24.7	309	BRL	117	40-140	6	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.6*		µg/kg dry		*24.7*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.1*		µg/kg dry		*24.7*		*126*	*30-150*		
Batch 8121201 - SW846 3550B										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121201 - SW846 3550B										
Blank (8121201-BLK1)										
Prepared: 15-Dec-08 Analyzed: 16-Dec-08										
2,4,5-T	BRL		µg/kg wet	6.70						
2,4,5-T [2C]	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex)	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex) [2C]	BRL		µg/kg wet	6.70						
2,4-D	BRL		µg/kg wet	6.70						
2,4-D [2C]	BRL		µg/kg wet	6.70						
2,4-DB	BRL		µg/kg wet	6.70						
2,4-DB [2C]	BRL		µg/kg wet	6.70						
Dalapon	BRL		µg/kg wet	6.70						
Dalapon [2C]	BRL		µg/kg wet	6.70						
Dicamba	BRL		µg/kg wet	6.70						
Dicamba [2C]	BRL		µg/kg wet	6.70						
Dichlorprop	BRL		µg/kg wet	6.70						
Dichlorprop [2C]	BRL		µg/kg wet	6.70						
Dinoseb	BRL		µg/kg wet	6.70						
Dinoseb [2C]	BRL		µg/kg wet	6.70						
MCPA	BRL		µg/kg wet	670						
MCPA [2C]	BRL		µg/kg wet	670						
MCPB	BRL		µg/kg wet	670						
MCPB [2C]	BRL		µg/kg wet	670						
MCPP	BRL		µg/kg wet	670						
MCPP [2C]	BRL		µg/kg wet	670						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.3*		µg/kg wet		*13.3*		*122*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*15.7*		µg/kg wet		*13.3*		*118*	*30-150*		
LCS (8121201-BS1)										
Prepared: 15-Dec-08 Analyzed: 16-Dec-08										
2,4,5-T	25.8		µg/kg wet	6.70	33.3		77	40-140		
2,4,5-T [2C]	20.7		µg/kg wet	6.70	33.3		62	40-140		
2,4,5-TP (Silvex)	28.0		µg/kg wet	6.70	33.3		84	40-140		
2,4,5-TP (Silvex) [2C]	22.9		µg/kg wet	6.70	33.3		69	40-140		
2,4-D	25.3		µg/kg wet	6.70	33.3		76	40-140		
2,4-D [2C]	19.5		µg/kg wet	6.70	33.3		58	40-140		
2,4-DB	19.8		µg/kg wet	6.70	33.3		59	40-140		
2,4-DB [2C]	23.3		µg/kg wet	6.70	33.3		70	40-140		
Dalapon	24.9		µg/kg wet	6.70	33.3		75	40-140		
Dalapon [2C]	23.9		µg/kg wet	6.70	33.3		72	40-140		
Dicamba	28.6		µg/kg wet	6.70	33.3		86	40-140		
Dicamba [2C]	28.4		µg/kg wet	6.70	33.3		85	40-140		
Dichlorprop	32.2		µg/kg wet	6.70	33.3		97	40-140		
Dichlorprop [2C]	24.1		µg/kg wet	6.70	33.3		72	40-140		
Dinoseb	29.5		µg/kg wet	6.70	33.3		88	40-140		
Dinoseb [2C]	29.3		µg/kg wet	6.70	33.3		88	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*13.9*		µg/kg wet		*13.3*		*104*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*13.1*		µg/kg wet		*13.3*		*98*	*30-150*		
LCS (8121201-BS2)										
Prepared: 15-Dec-08 Analyzed: 16-Dec-08										
MCPA	8930		µg/kg wet	670	10000		89	40-140		
MCPA [2C]	10500		µg/kg wet	670	10000		105	40-140		
MCPB	8930		µg/kg wet	670	10000		89	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121201 - SW846 3550B										
LCS (8121201-BS2)										
Prepared: 15-Dec-08 Analyzed: 16-Dec-08										
MCPB [2C]	10700		µg/kg wet	670	10000		107	40-140		
MCPP	8730		µg/kg wet	670	10000		87	40-140		
MCPP [2C]	7130		µg/kg wet	670	10000		71	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.5*		µg/kg wet		*13.3*		*116*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [	*15.3*		µg/kg wet		*13.3*		*115*	*30-150*		
LCS Dup (8121201-BSD1)										
Prepared: 15-Dec-08 Analyzed: 16-Dec-08										
2,4,5-T	30.6		µg/kg wet	6.70	33.3		92	40-140	17	25
2,4,5-T [2C]	22.4		µg/kg wet	6.70	33.3		67	40-140	8	25
2,4,5-TP (Silvex)	31.5		µg/kg wet	6.70	33.3		94	40-140	12	25
2,4,5-TP (Silvex) [2C]	24.8		µg/kg wet	6.70	33.3		74	40-140	8	25
2,4-D	24.3		µg/kg wet	6.70	33.3		73	40-140	4	25
2,4-D [2C]	19.1		µg/kg wet	6.70	33.3		57	40-140	2	25
2,4-DB	23.0		µg/kg wet	6.70	33.3		69	40-140	15	25
2,4-DB [2C]	23.5		µg/kg wet	6.70	33.3		71	40-140	1	25
Dalapon	22.5		µg/kg wet	6.70	33.3		67	40-140	10	25
Dalapon [2C]	24.9		µg/kg wet	6.70	33.3		75	40-140	4	25
Dicamba	31.2		µg/kg wet	6.70	33.3		94	40-140	9	25
Dicamba [2C]	31.5		µg/kg wet	6.70	33.3		95	40-140	10	25
Dichlorprop	34.3		µg/kg wet	6.70	33.3		103	40-140	6	25
Dichlorprop [2C]	27.0		µg/kg wet	6.70	33.3		81	40-140	11	25
Dinoseb	32.5		µg/kg wet	6.70	33.3		97	40-140	10	25
Dinoseb [2C]	31.9		µg/kg wet	6.70	33.3		96	40-140	8	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.1*		µg/kg wet		*13.3*		*106*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [	*13.7*		µg/kg wet		*13.3*		*102*	*30-150*		
LCS Dup (8121201-BSD2)										
Prepared: 15-Dec-08 Analyzed: 16-Dec-08										
MCPA	8800		µg/kg wet	670	10000		88	40-140	2	25
MCPA [2C]	10700		µg/kg wet	670	10000		107	40-140	2	25
MCPB	9000		µg/kg wet	670	10000		90	40-140	0.7	25
MCPB [2C]	10300		µg/kg wet	670	10000		103	40-140	3	25
MCPP	8730		µg/kg wet	670	10000		87	40-140	0	25
MCPP [2C]	8000		µg/kg wet	670	10000		80	40-140	11	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.5*		µg/kg wet		*13.3*		*116*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [	*15.2*		µg/kg wet		*13.3*		*114*	*30-150*		
Duplicate (8121201-DUP1) **Source: SA88555-04**										
Prepared: 15-Dec-08 Analyzed: 16-Dec-08										
2,4,5-T	BRL		µg/kg dry	6.70		BRL				30
2,4,5-T [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex) [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-D	BRL		µg/kg dry	6.70		BRL				30
2,4-D [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-DB	BRL		µg/kg dry	6.70		BRL				30
2,4-DB [2C]	BRL		µg/kg dry	6.70		BRL				30
Dalapon	BRL		µg/kg dry	6.70		BRL				30
Dalapon [2C]	BRL		µg/kg dry	6.70		BRL				30
Dicamba	BRL		µg/kg dry	6.70		BRL				30
Dicamba [2C]	BRL		µg/kg dry	6.70		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121201 - SW846 3550B										
Duplicate (8121201-DUP1) **Source: SA88555-04**										
Prepared: 15-Dec-08 Analyzed: 16-Dec-08										
Dichlorprop	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop [2C]	BRL		µg/kg dry	6.70		BRL				30
Dinoseb	BRL		µg/kg dry	6.70		BRL				30
Dinoseb [2C]	BRL		µg/kg dry	6.70		BRL				30
MCPA	BRL		µg/kg dry	670		BRL				30
MCPA [2C]	BRL		µg/kg dry	670		BRL				30
MCPB	BRL		µg/kg dry	670		BRL				30
MCPB [2C]	BRL		µg/kg dry	670		BRL				30
MCPP	BRL		µg/kg dry	670		BRL				30
MCPP [2C]	BRL		µg/kg dry	670		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*5.27*		µg/kg dry		*15.5*		*34*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*5.42*		µg/kg dry		*15.5*		*35*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121068 - SW846 3550B										
Blank (8121068-BLK1)										
Prepared: 12-Dec-08 Analyzed: 15-Dec-08										
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	*2.96*		mg/kg wet		*3.33*		*89*	*50-150*		
LCS (8121068-BS1)										
Prepared: 12-Dec-08 Analyzed: 15-Dec-08										
C9-C36 Aliphatic Hydrocarbons	58.8		mg/kg wet	13.3	93.3		63	60-120		
Surrogate: 1-Chlorooctadecane	*2.43*		mg/kg wet		*3.33*		*73*	*50-150*		
Duplicate (8121068-DUP1) **Source: SA88527-01**										
Prepared: 12-Dec-08 Analyzed: 15-Dec-08										
Gasoline	BRL		mg/kg dry	33.7		BRL				50
Fuel Oil #2	BRL		mg/kg dry	33.7		BRL				50
Fuel Oil #4	BRL		mg/kg dry	33.7		BRL				50
Fuel Oil #6	BRL		mg/kg dry	33.7		BRL				50
Motor Oil	BRL		mg/kg dry	33.7		BRL				50
Aviation Fuel	BRL		mg/kg dry	33.7		BRL				50
Unidentified	BRL		mg/kg dry	33.7		BRL				50
Other Oil	BRL		mg/kg dry	33.7		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	33.7		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	33.7		BRL				50
Surrogate: 1-Chlorooctadecane	*3.90*		mg/kg dry		*4.22*		*92*	*50-150*		
Matrix Spike (8121068-MS1) **Source: SA88527-01**										
Prepared: 12-Dec-08 Analyzed: 15-Dec-08										
C9-C36 Aliphatic Hydrocarbons	75.8		mg/kg dry	17.3	121	BRL	62	50-150		
Surrogate: 1-Chlorooctadecane	*3.02*		mg/kg dry		*4.34*		*70*	*50-150*		
Matrix Spike Dup (8121068-MSD1) **Source: SA88527-01**										
Prepared: 12-Dec-08 Analyzed: 15-Dec-08										
C9-C36 Aliphatic Hydrocarbons	78.1		mg/kg dry	17.3	122	BRL	64	50-150	3	30
Surrogate: 1-Chlorooctadecane	*3.29*		mg/kg dry		*4.34*		*76*	*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 8120896 - EPA200/SW7000 Series										
Blank (8120896-BLK1)										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
Selenium	BRL		mg/kg wet	1.48						
Lead	BRL		mg/kg wet	1.48						
Arsenic	BRL		mg/kg wet	1.48						
Chromium	BRL		mg/kg wet	0.987						
Silver	BRL		mg/kg wet	1.48						
Cadmium	BRL		mg/kg wet	0.494						
Barium	BRL		mg/kg wet	0.987						
Duplicate (8120896-DUP1) Source: SA88551-02										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
Selenium	1.44	J	mg/kg dry	1.87		1.58			9	20
Lead	92.7		mg/kg dry	1.87		91.5			1	20
Cadmium	0.723		mg/kg dry	0.624		0.756			4	20
Silver	BRL		mg/kg dry	1.87		BRL				20
Arsenic	75.8		mg/kg dry	1.87		72.5			4	20
Chromium	12.8	QR6	mg/kg dry	1.25		8.75			37	20
Barium	96.9		mg/kg dry	1.25		111			14	20
Matrix Spike (8120896-MS1) Source: SA88551-03										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
Selenium	144		mg/kg dry	1.69	141	1.23	101	75-125		
Lead	216		mg/kg dry	1.69	141	57.5	113	75-125		
Arsenic	147		mg/kg dry	1.69	141	3.88	102	75-125		
Silver	144		mg/kg dry	1.69	141	BRL	102	75-125		
Chromium	183		mg/kg dry	1.13	141	7.17	125	75-125		
Cadmium	149		mg/kg dry	0.563	141	0.325	106	75-125		
Barium	193		mg/kg dry	1.13	141	36.2	112	75-125		
Matrix Spike Dup (8120896-MSD1) Source: SA88551-03										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
Selenium	148		mg/kg dry	1.74	145	1.23	101	75-125	3	20
Lead	222		mg/kg dry	1.74	145	57.5	114	75-125	3	20
Chromium	158		mg/kg dry	1.16	145	7.17	104	75-125	15	20
Silver	145		mg/kg dry	1.74	145	BRL	100	75-125	1	20
Arsenic	149		mg/kg dry	1.74	145	3.88	100	75-125	2	20
Cadmium	152		mg/kg dry	0.579	145	0.325	105	75-125	2	20
Barium	201		mg/kg dry	1.16	145	36.2	114	75-125	4	20
Post Spike (8120896-PS1) Source: SA88551-03										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
Lead	202		mg/kg dry	1.71	142	57.5	102	80-120		
Selenium	146		mg/kg dry	1.71	142	1.23	102	80-120		
Cadmium	150		mg/kg dry	0.569	142	0.325	105	80-120		
Silver	142		mg/kg dry	1.71	142	BRL	100	80-120		
Chromium	156		mg/kg dry	1.14	142	7.17	105	80-120		
Arsenic	147		mg/kg dry	1.71	142	3.88	101	80-120		
Barium	178		mg/kg dry	1.14	142	36.2	100	80-120		
Reference (8120896-SRM1)										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
Selenium	99.9		mg/kg wet	1.50	100		100	79.9-119.6		
Lead	65.0		mg/kg wet	1.50	68.6		95	80.9-119.9		

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 8120896 - EPA200/SW7000 Series										
Reference (8120896-SRM1)										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
Cadmium	128		mg/kg wet	0.500	130		98	83.7-116.7		
Arsenic	65.4		mg/kg wet	1.50	62.0		105	82.9-117.1		
Silver	30.8		mg/kg wet	1.50	31.5		98	66.2-133.7		
Chromium	69.7		mg/kg wet	1.00	69.6		100	81.9-118.1		
Barium	125		mg/kg wet	1.00	129		96	80.5-119.5		
Reference (8120896-SRM2)										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
Selenium	104		mg/kg wet	1.50	102		102	79.9-119.6		
Lead	67.9		mg/kg wet	1.50	69.5		98	80.9-119.9		
Chromium	72.4		mg/kg wet	1.00	70.6		103	81.9-118.1		
Silver	31.8		mg/kg wet	1.50	31.9		100	66.2-133.7		
Cadmium	134		mg/kg wet	0.500	132		102	83.7-116.7		
Arsenic	62.0		mg/kg wet	1.50	62.9		99	82.9-117.1		
Barium	128		mg/kg wet	1.00	131		97	80.5-119.5		
Batch 8120897 - EPA200/SW7000 Series										
Blank (8120897-BLK1)										
Prepared & Analyzed: 16-Dec-08										
Mercury	BRL		mg/kg wet	0.0300						
Duplicate (8120897-DUP1) Source: SA88551-02										
Prepared & Analyzed: 16-Dec-08										
Mercury	0.108	QR8	mg/kg dry	0.0381		0.0843			24	20
Matrix Spike (8120897-MS1) Source: SA88551-03										
Prepared & Analyzed: 16-Dec-08										
Mercury	0.576		mg/kg dry	0.0333	0.462	0.0848	106	75-125		
Matrix Spike Dup (8120897-MSD1) Source: SA88551-03										
Prepared & Analyzed: 16-Dec-08										
Mercury	0.613		mg/kg dry	0.0354	0.492	0.0848	107	75-125	6	20
Post Spike (8120897-PS1) Source: SA88551-03										
Prepared & Analyzed: 16-Dec-08										
Mercury	0.592		mg/kg dry	0.0336	0.466	0.0848	109	80-120		
Reference (8120897-SRM1)										
Prepared & Analyzed: 16-Dec-08										
Mercury	2.08		mg/kg wet	0.0300	1.97		106	71.7-128		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120996 - General Preparation										
Duplicate (8120996-DUP1) Source: SA88550-04										
Prepared & Analyzed: 11-Dec-08										
% Solids	95.0		%			95.4			0.5	20

Notes and Definitions

QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
QR8	Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.
VC10	The VOC preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.
Z-2	The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.
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 and waste automobile oil
Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
Aviation Fuel - includes kerosene, Jet A and JP-4
Other Oil - includes lubricating and cutting oil, and silicon oil

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Leja
Rebecca Merz

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA **Client:** Tetra Tech Rizzo - Hartford, CT

Project Location: Busway - West Hartford, CT **Project Number:** 127-17797-08010

Sampling Date(s): 05-Dec-08

Laboratory Sample ID(s): SA88555-01 through SA88555-07

RCP Methods Used: +CT ETPH SW846 6010B SW846 7471A SW846 8082 SW846 8151A SW846 8260B SW846 8270C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)? * ** These methods have not yet been approved for release by CT DEP*	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature?	☑ Yes ☐ No ☐ N/A
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, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

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

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

Date: 12/22/2008

SA 88555

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [x] 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 Rizzo
150 Trumbull St. 4th Floor
Hartford, CT 06103

Project Mgr.: David Brassard

Invoice To: DAS # 44236

P.O. No.: RQN:

Project No.: 127-17797-08010
Site Name: Hartford Busway
Location: West Hartford State: CT
Sampler(s): Patrick deFanla

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= H_2O 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	VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	Total RCRA 8 Metals	SPLP RCRA 8 Metals
88555-01	RSB-B1	12/5/08	905	G	SO	2	3	2			X	X	X	X	X	X	
-02	RSB-B2		950		SO	7		2									
-03	RSB-B3A		1020														
-04	RSB-B3B		1045														
-05	RSB-B4		1220														
-06	RSB-B5		1245														
-07	RSB-B6		1250														

QA Reporting Notes: (check if needed)
- [ ] Provide MA DEP MCP CAM Report
- [x] Provide CT DPH RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other

State specific reporting standards: CT

See attached

- [ ] Fax results when available to ( )
- [x] E-mail to patrick.depanla@tetratech.com
EDD Format

Condition upon receipt: [ ] Iced [ ] Ambient [x] C 5.1

Relinquished by:	Received by:	Date:	Time:
Patrick J. deFanla	G. Kutanos	12-5-08	1320
G. Kutanos	Michael Stephen	12-8-08	1548

Report Date:
30-Dec-08 14:24

☑ 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: Hartford Busway - Hartford, CT
Project 127-17797-08010

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA88661-01	RSB-B7	Soil	08-Dec-08 08:30	09-Dec-08 15:14
SA88661-02	RSB-B8	Soil	08-Dec-08 12:30	09-Dec-08 15:14
SA88661-03	RSB-B9	Soil	08-Dec-08 13:15	09-Dec-08 15:14
SA88661-04	RSB-B10	Soil	08-Dec-08 13:30	09-Dec-08 15:14
SA88661-05	RSB-B11	Soil	08-Dec-08 14:00	09-Dec-08 15:14
SA88661-06	Trip Blank	Water	08-Dec-08 08:00	09-Dec-08 15:14

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

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

Authorized by:

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

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 59 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supercedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report is available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

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

CASE NARRATIVE:

The samples were received 5.8 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.

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.

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

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

SW846 6010B

Duplicates:

8121031-DUP1 *Source: SA88661-01*

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

Arsenic

SW846 7471A

Spikes:

8121032-PS1 *Source: SA88661-02*

Analyte out of acceptance range.

Mercury

Duplicates:

8121032-DUP1 *Source: SA88661-01*

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

SW846 8151A

SW846 8151A

Samples:

S814986-CCV2

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

S814986-CCV4

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

S815084-CCV2

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

S815084-CCV4

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

S815084-CCV6

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

SW846 8260B

Laboratory Control Samples:

8121101-BS1

Analyte out of acceptance range.

1,2,3-Trichlorobenzene
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene

8121101-BSD1

Analyte out of acceptance range.

trans-1,4-Dichloro-2-butene

SW846 8270C

SW846 8270C

Blanks:

8121310-BLK1

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

2,4,6-Tribromophenol

Laboratory Control Samples:

8121310-BS1

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

N-Nitrosodimethylamine

Duplicates:

8121310-DUP1 *Source: SA88721-05*

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

Nitrobenzene-d5

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B7 SA88661-01	127-17797-08010	Soil	08-Dec-08 08:30	09-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.35 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.8	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
67-64-1	Acetone	BRL		µg/kg dry	57.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	57.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	57.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	57.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	57.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.8	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B7 SA88661-01	127-17797-08010	Soil	08-Dec-08 08:30	09-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.35 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.8	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
100-42-5	Styrene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	57.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	57.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	116	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2310	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*94*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*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	365	1	SW846 8270C	16-Dec-08	17-Dec-08	8121310	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	365	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	365	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	365	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	365	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	365	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	365	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	365	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	365	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	365	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	365	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	365	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	365	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	365	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B7 SA88661-01	127-17797-08010	Soil	08-Dec-08 08:30	09-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	365	1	SW846 8270C	16-Dec-08	17-Dec-08	8121310	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	365	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	365	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	365	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	365	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	365	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	365	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	365	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	365	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	365	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	365	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	365	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	365	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	365	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	365	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	365	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	365	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	365	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	365	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	365	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	365	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	365	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	365	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	365	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	365	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	365	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	365	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	365	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	365	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	365	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	365	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	365	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	365	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	365	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	365	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	365	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	365	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	365	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	365	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	365	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	365	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	365	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	365	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	365	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1460	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	365	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	365	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1460	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	365	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	365	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B7 SA88661-01	127-17797-08010	Soil	08-Dec-08 08:30	09-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	365	1	SW846 8270C	16-Dec-08	17-Dec-08	8121310	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	365	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	365	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	365	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	365	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	365	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	365	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	365	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	365	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	365	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	365	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*63*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*61*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*61*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*84*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*97*		*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	21.7	1	SW846 8082	17-Dec-08	18-Dec-08	8121396	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.7	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.7	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.7	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.7	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*78*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*82*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	11-Dec-08	14-Dec-08	8120954	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*102*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B7 SA88661-01	127-17797-08010	Soil	08-Dec-08 08:30	09-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.7	1	+CT ETPH	16-Dec-08	17-Dec-08	8121308	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.7	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.7	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.7	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.7	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.7	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.7	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.7	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*67*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.61	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	2.37		mg/kg dry	1.61	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	33.1		mg/kg dry	1.08	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.538	1	"	"	"	"	X
7440-47-3	Chromium	8.04		mg/kg dry	1.08	1	"	"	"	"	X
7439-97-6	Mercury	0.0577		mg/kg dry	0.0316	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	9.72		mg/kg dry	1.61	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.61	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	89.7		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121003	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B8 SA88661-02	127-17797-08010	Soil	08-Dec-08 12:30	09-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.78 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.0	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
67-64-1	Acetone	BRL		µg/kg dry	60.4	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	60.4	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	30.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	60.4	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	60.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	60.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B8 SA88661-02	127-17797-08010	Soil	08-Dec-08 12:30	09-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 4.78 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.0	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
100-42-5	Styrene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	60.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	60.4	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	121	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	30.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2420	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*85*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*116*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*104*		*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	349	1	SW846 8270C	16-Dec-08	17-Dec-08	8121310	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	349	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	349	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	349	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	349	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	349	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	349	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	349	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	349	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	349	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	349	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	349	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	349	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	349	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B8 SA88661-02	127-17797-08010	Soil	08-Dec-08 12:30	09-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	349	1	SW846 8270C	16-Dec-08	17-Dec-08	8121310	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	349	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	349	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	349	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	349	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	349	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	349	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	349	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	349	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	349	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	349	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	349	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	349	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	349	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	349	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	349	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	349	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	349	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	349	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	349	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	349	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	349	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	349	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	349	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	349	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	349	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	349	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	349	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	349	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	349	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	349	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	349	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	349	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	349	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	349	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	349	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	349	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	349	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	349	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	349	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	349	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	349	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	349	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	349	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1400	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	349	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	349	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1400	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	349	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	349	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B8 SA88661-02	127-17797-08010	Soil	08-Dec-08 12:30	09-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	349	1	SW846 8270C	16-Dec-08	17-Dec-08	8121310	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	349	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	349	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	349	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	349	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	349	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	349	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	349	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	349	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	349	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	349	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*50*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*52*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*47*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*46*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*65*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*64*		*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	20.9	1	SW846 8082	17-Dec-08	18-Dec-08	8121396	X
11104-28-2	PCB 1221	BRL		µg/kg dry	20.9	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	20.9	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	20.9	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	20.9	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	20.9	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	20.9	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	20.9	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	20.9	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*86*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	11-Dec-08	14-Dec-08	8120954	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*97*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B8 SA88661-02	127-17797-08010	Soil	08-Dec-08 12:30	09-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.1	1	+CT ETPH	16-Dec-08	17-Dec-08	8121308	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.1	1	"	"	"	"	
	Unidentified	55.8		mg/kg dry	14.1	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	55.8		mg/kg dry	14.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	55.8		mg/kg dry	14.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*62*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.52	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	2.32		mg/kg dry	1.52	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	39.2		mg/kg dry	1.01	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.506	1	"	"	"	"	X
7440-47-3	Chromium	8.45		mg/kg dry	1.01	1	"	"	"	"	X
7439-97-6	Mercury	0.0870		mg/kg dry	0.0293	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	17.6		mg/kg dry	1.52	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.52	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	92.7		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121003	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B9 SA88661-03	127-17797-08010	Soil	08-Dec-08 13:15	09-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.55 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.5	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
67-64-1	Acetone	BRL		µg/kg dry	65.1	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	13.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	65.1	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	32.5	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	13.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	65.1	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	65.1	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	65.1	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B9 SA88661-03	127-17797-08010	Soil	08-Dec-08 13:15	09-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.55 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.5	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
100-42-5	Styrene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	65.1	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	65.1	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	130	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	32.5	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2600	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*87*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*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	355	1	SW846 8270C	16-Dec-08	17-Dec-08	8121310	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	355	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	355	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	355	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	355	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	355	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	355	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	355	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	355	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	355	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	355	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	355	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	355	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	355	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B9 SA88661-03	127-17797-08010	Soil	08-Dec-08 13:15	09-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	355	1	SW846 8270C	16-Dec-08	17-Dec-08	8121310	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	355	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	355	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	355	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	355	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	355	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	355	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	355	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	355	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	355	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	355	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	355	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	355	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	355	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	355	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	355	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	355	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	355	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	355	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	355	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	355	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	355	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	355	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	355	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	355	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	355	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	355	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	355	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	355	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	355	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	355	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1420	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1420	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	355	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	355	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B9 SA88661-03	127-17797-08010	Soil	08-Dec-08 13:15	09-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	355	1	SW846 8270C	16-Dec-08	17-Dec-08	8121310	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	355	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	355	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	355	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	355	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*67*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*57*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*57*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*73*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*68*		*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	21.2	1	SW846 8082	17-Dec-08	18-Dec-08	8121396	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.2	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.2	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.2	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.2	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.2	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.2	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.2	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.2	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*84*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*93*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	11-Dec-08	14-Dec-08	8120954	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B9 SA88661-03	127-17797-08010	Soil	08-Dec-08 13:15	09-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.3	1	+CT ETPH	16-Dec-08	17-Dec-08	8121308	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.3	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.3	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.3	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*66*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.38	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	2.32		mg/kg dry	1.38	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	27.4		mg/kg dry	0.921	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.460	1	"	"	"	"	X
7440-47-3	Chromium	7.35		mg/kg dry	0.921	1	"	"	"	"	X
7439-97-6	Mercury	0.177		mg/kg dry	0.0307	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	11.0		mg/kg dry	1.38	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.38	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	91.2		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121003	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B10 SA88661-04	127-17797-08010	Soil	08-Dec-08 13:30	09-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.55 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.3	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
67-64-1	Acetone	BRL		µg/kg dry	62.7	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	62.7	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.4	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.5	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.5	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.3	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	62.7	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	62.7	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	62.7	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.3	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B10 SA88661-04	127-17797-08010	Soil	08-Dec-08 13:30	09-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.55 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.3	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
100-42-5	Styrene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.3	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	62.7	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	62.7	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	125	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	31.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2510	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*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	3540	10	SW846 8270C	16-Dec-08	17-Dec-08	8121310	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	3540	10	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	3540	10	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	3540	10	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	3540	10	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	3540	10	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	3540	10	"	"	"	"	X
56-55-3	Benzo (a) anthracene	3,560		µg/kg dry	3540	10	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	3540	10	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	3540	10	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	3540	10	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	3540	10	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	3540	10	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	3540	10	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B10 SA88661-04	127-17797-08010	Soil	08-Dec-08 13:30	09-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	3540	10	SW846 8270C	16-Dec-08	17-Dec-08	8121310	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	3540	10	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	3540	10	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	3540	10	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	3540	10	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	3540	10	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	3540	10	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	3540	10	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	3540	10	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	3540	10	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	3540	10	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	3540	10	"	"	"	"	X
218-01-9	Chrysene	4,150		µg/kg dry	3540	10	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	3540	10	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	3540	10	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3540	10	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3540	10	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3540	10	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	3540	10	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	3540	10	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	3540	10	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	3540	10	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	3540	10	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	3540	10	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	3540	10	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	3540	10	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	3540	10	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	3540	10	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	3540	10	"	"	"	"	X
206-44-0	Fluoranthene	10,600		µg/kg dry	3540	10	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	3540	10	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	3540	10	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3540	10	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	3540	10	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	3540	10	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	3540	10	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	3540	10	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	3540	10	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	3540	10	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	3540	10	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	3540	10	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3540	10	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	3540	10	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	3540	10	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	14200	10	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	3540	10	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	3540	10	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	14200	10	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	3540	10	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	3540	10	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B10 SA88661-04	127-17797-08010	Soil	08-Dec-08 13:30	09-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	3540	10	SW846 8270C	16-Dec-08	17-Dec-08	8121310	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	3540	10	"	"	"	"	X
85-01-8	Phenanthrene	4,990		µg/kg dry	3540	10	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	3540	10	"	"	"	"	X
129-00-0	Pyrene	7,990		µg/kg dry	3540	10	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	3540	10	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3540	10	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	3540	10	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	3540	10	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	3540	10	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	3540	10	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*67*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*45*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*56*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*74*		*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 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.0	1	SW846 8082	17-Dec-08	18-Dec-08	8121396	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.0	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.0	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.0	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.0	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.0	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.0	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.0	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.0	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*84*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*116*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	11-Dec-08	14-Dec-08	8120954	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*102*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B10 SA88661-04	127-17797-08010	Soil	08-Dec-08 13:30	09-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.3	1	+CT ETPH	16-Dec-08	17-Dec-08	8121308	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	Calculated as		mg/kg dry	14.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.3	1	"	"	"	"	
	Unidentified	164		mg/kg dry	14.3	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	164		mg/kg dry	14.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	164		mg/kg dry	14.3	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*99*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.56	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	10.6		mg/kg dry	1.56	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	32.4		mg/kg dry	1.04	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.520	1	"	"	"	"	X
7440-47-3	Chromium	8.07		mg/kg dry	1.04	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0316	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	6.85		mg/kg dry	1.56	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.56	1	"	"	22-Dec-08	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	23-Dec-08	23-Dec-08	8121797	
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	SW846 1312/6010B	24-Dec-08	26-Dec-08	8121841	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	"	"	"	"	
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	93.1		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121003	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B11 SA88661-05	127-17797-08010	Soil	08-Dec-08 14:00	09-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.72 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.3	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
67-64-1	Acetone	BRL		µg/kg dry	53.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	53.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.6	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	53.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	53.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	53.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.3	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B11 SA88661-05	127-17797-08010	Soil	08-Dec-08 14:00	09-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.72 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.3	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
100-42-5	Styrene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.3	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	53.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	53.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	106	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	26.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2130	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*89*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*107*		*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	362	1	SW846 8270C	16-Dec-08	17-Dec-08	8121310	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	362	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	362	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	362	1	"	"	"	"	X
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	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	362	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	362	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	362	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	362	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	362	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	362	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	362	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B11 SA88661-05	127-17797-08010	Soil	08-Dec-08 14:00	09-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	362	1	SW846 8270C	16-Dec-08	17-Dec-08	8121310	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	362	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	362	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	362	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	362	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	362	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	362	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	362	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	362	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	362	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	362	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	362	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	362	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	362	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	362	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	362	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	362	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	362	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	362	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	362	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	362	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	362	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	362	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	362	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	362	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	362	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1450	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1450	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	362	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	362	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B11 SA88661-05	127-17797-08010	Soil	08-Dec-08 14:00	09-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	362	1	SW846 8270C	16-Dec-08	17-Dec-08	8121310	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	362	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	362	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	362	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	362	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*66*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*57*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*71*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*67*		*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	20.7	1	SW846 8082	17-Dec-08	18-Dec-08	8121396	X
11104-28-2	PCB 1221	BRL		µg/kg dry	20.7	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	20.7	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	20.7	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	20.7	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	20.7	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	20.7	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	20.7	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	20.7	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*84*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*84*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	11-Dec-08	14-Dec-08	8120954	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*69*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B11 SA88661-05	127-17797-08010	Soil	08-Dec-08 14:00	09-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.6	1	+CT ETPH	16-Dec-08	17-Dec-08	8121308	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.6	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*65*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.49	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.49	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	27.9		mg/kg dry	0.991	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.495	1	"	"	"	"	X
7440-47-3	Chromium	7.42		mg/kg dry	0.991	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0316	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	5.34		mg/kg dry	1.49	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.49	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	90.8		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121003	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank SA88661-06	127-17797-08010	Water	08-Dec-08 08:00	09-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-08	12-Dec-08	8121101	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X

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
Trip Blank SA88661-06	127-17797-08010	Water	08-Dec-08 08:00	09-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-08	12-Dec-08	8121101	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*102*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121092 - SW846 5035A Soil (low level)										
Blank (8121092-BLK1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
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 8121092 - SW846 5035A Soil (low level)										
Blank (8121092-BLK1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
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						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	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						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*45.9*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: Toluene-d8	*48.7*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*59.4*		µg/kg wet		*50.0*		*119*	*70-130*		
Surrogate: Dibromofluoromethane	*54.2*		µg/kg wet		*50.0*		*108*	*70-130*		
LCS (8121092-BS1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.8		µg/kg wet		20.0		94	70-130		
Acetone	10.5		µg/kg wet		20.0		53	0-168		
Acrylonitrile	17.7		µg/kg wet		20.0		88	70-130		
Benzene	20.2		µg/kg wet		20.0		101	70-130		
Bromobenzene	17.9		µg/kg wet		20.0		90	70-130		
Bromochloromethane	16.4		µg/kg wet		20.0		82	70-130		
Bromodichloromethane	19.2		µg/kg wet		20.0		96	70-130		
Bromoform	18.6		µg/kg wet		20.0		93	70-130		
Bromomethane	15.8		µg/kg wet		20.0		79	40.9-138		
2-Butanone (MEK)	10.5		µg/kg wet		20.0		53	29.8-145		
n-Butylbenzene	20.0		µg/kg wet		20.0		100	70-130		
sec-Butylbenzene	18.5		µg/kg wet		20.0		92	70-130		
tert-Butylbenzene	17.6		µg/kg wet		20.0		88	70-130		
Carbon disulfide	19.9		µg/kg wet		20.0		99	70-130		
Carbon tetrachloride	21.0		µg/kg wet		20.0		105	70-130		
Chlorobenzene	20.0		µg/kg wet		20.0		100	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121092 - SW846 5035A Soil (low level)										
LCS (8121092-BS1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
Chloroethane	16.9		µg/kg wet		20.0		84	47.5-130		
Chloroform	18.1		µg/kg wet		20.0		91	70-130		
Chloromethane	14.4		µg/kg wet		20.0		72	70-130		
2-Chlorotoluene	19.5		µg/kg wet		20.0		98	70-130		
4-Chlorotoluene	18.1		µg/kg wet		20.0		91	70-130		
1,2-Dibromo-3-chloropropane	18.1		µg/kg wet		20.0		90	70-130		
Dibromochloromethane	18.3		µg/kg wet		20.0		91	66.2-130		
1,2-Dibromoethane (EDB)	17.5		µg/kg wet		20.0		88	70-130		
Dibromomethane	17.8		µg/kg wet		20.0		89	70-130		
1,2-Dichlorobenzene	18.7		µg/kg wet		20.0		93	70-130		
1,3-Dichlorobenzene	16.8		µg/kg wet		20.0		84	70-130		
1,4-Dichlorobenzene	18.9		µg/kg wet		20.0		95	70-130		
Dichlorodifluoromethane (Freon12)	14.1		µg/kg wet		20.0		71	32-158		
1,1-Dichloroethane	19.4		µg/kg wet		20.0		97	70-130		
1,2-Dichloroethane	18.9		µg/kg wet		20.0		94	70-130		
1,1-Dichloroethene	19.3		µg/kg wet		20.0		96	70-130		
cis-1,2-Dichloroethene	18.9		µg/kg wet		20.0		95	70-130		
trans-1,2-Dichloroethene	20.7		µg/kg wet		20.0		104	70-130		
1,2-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130		
1,3-Dichloropropane	17.6		µg/kg wet		20.0		88	70-130		
2,2-Dichloropropane	15.8		µg/kg wet		20.0		79	70-130		
1,1-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130		
cis-1,3-Dichloropropene	17.6		µg/kg wet		20.0		88	70-130		
trans-1,3-Dichloropropene	16.8		µg/kg wet		20.0		84	70-130		
Ethylbenzene	20.3		µg/kg wet		20.0		101	70-130		
Hexachlorobutadiene	17.9		µg/kg wet		20.0		89	53.6-138		
2-Hexanone (MBK)	16.8		µg/kg wet		20.0		84	70-130		
Isopropylbenzene	20.2		µg/kg wet		20.0		101	70-130		
4-Isopropyltoluene	19.5		µg/kg wet		20.0		98	70-130		
Methyl tert-butyl ether	19.7		µg/kg wet		20.0		98	70-130		
4-Methyl-2-pentanone (MIBK)	17.2		µg/kg wet		20.0		86	53.5-137		
Methylene chloride	16.8		µg/kg wet		20.0		84	70-130		
Naphthalene	16.3		µg/kg wet		20.0		82	70-130		
n-Propylbenzene	19.2		µg/kg wet		20.0		96	70-130		
Styrene	18.3		µg/kg wet		20.0		91	70-130		
1,1,1,2-Tetrachloroethane	19.7		µg/kg wet		20.0		98	70-130		
1,1,2,2-Tetrachloroethane	18.4		µg/kg wet		20.0		92	70-130		
Tetrachloroethene	18.2		µg/kg wet		20.0		91	70-130		
Toluene	17.4		µg/kg wet		20.0		87	70-130		
1,2,3-Trichlorobenzene	17.1		µg/kg wet		20.0		86	70-130		
1,2,4-Trichlorobenzene	16.8		µg/kg wet		20.0		84	70-130		
1,3,5-Trichlorobenzene	19.0		µg/kg wet		20.0		95	70-130		
1,1,1-Trichloroethane	19.8		µg/kg wet		20.0		99	70-130		
1,1,2-Trichloroethane	18.0		µg/kg wet		20.0		90	70-130		
Trichloroethene	19.1		µg/kg wet		20.0		96	70-130		
Trichlorofluoromethane (Freon 11)	18.5		µg/kg wet		20.0		93	50.9-138		
1,2,3-Trichloropropane	16.6		µg/kg wet		20.0		83	70-130		
1,2,4-Trimethylbenzene	18.1		µg/kg wet		20.0		91	70-130		
1,3,5-Trimethylbenzene	18.7		µg/kg wet		20.0		93	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121092 - SW846 5035A Soil (low level)										
LCS (8121092-BS1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
Vinyl chloride	16.0		µg/kg wet		20.0		80	70-130		
m,p-Xylene	39.8		µg/kg wet		40.0		99	70-130		
o-Xylene	18.8		µg/kg wet		20.0		94	70-130		
Tetrahydrofuran	17.3		µg/kg wet		20.0		86	70-130		
Ethyl ether	21.2		µg/kg wet		20.0		106	61.4-130		
Tert-amyl methyl ether	19.6		µg/kg wet		20.0		98	70-130		
Ethyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130		
Di-isopropyl ether	21.3		µg/kg wet		20.0		107	70-130		
Tert-Butanol / butyl alcohol	154		µg/kg wet		200		77	70-130		
1,4-Dioxane	168		µg/kg wet		200		84	48.3-142		
trans-1,4-Dichloro-2-butene	15.4		µg/kg wet		20.0		77	70-130		
Ethanol	306		µg/kg wet		400		77	70-130		
Surrogate: 4-Bromofluorobenzene	*47.4*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*48.3*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.6*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*49.3*		µg/kg wet		*50.0*		*99*	*70-130*		
LCS Dup (8121092-BSD1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.0		µg/kg wet		20.0		90	70-130	4	25
Acetone	11.3		µg/kg wet		20.0		56	0-168	7	50
Acrylonitrile	18.0		µg/kg wet		20.0		90	70-130	2	25
Benzene	20.5		µg/kg wet		20.0		102	70-130	2	25
Bromobenzene	18.6		µg/kg wet		20.0		93	70-130	4	25
Bromochloromethane	16.5		µg/kg wet		20.0		83	70-130	1	25
Bromodichloromethane	19.9		µg/kg wet		20.0		99	70-130	4	25
Bromoform	17.8		µg/kg wet		20.0		89	70-130	4	25
Bromomethane	17.5		µg/kg wet		20.0		88	40.9-138	10	50
2-Butanone (MEK)	15.6		µg/kg wet		20.0		78	29.8-145	39	50
n-Butylbenzene	19.4		µg/kg wet		20.0		97	70-130	3	25
sec-Butylbenzene	18.9		µg/kg wet		20.0		94	70-130	2	25
tert-Butylbenzene	18.8		µg/kg wet		20.0		94	70-130	6	25
Carbon disulfide	19.9		µg/kg wet		20.0		100	70-130	0.3	25
Carbon tetrachloride	20.3		µg/kg wet		20.0		102	70-130	3	25
Chlorobenzene	19.9		µg/kg wet		20.0		100	70-130	0.2	25
Chloroethane	17.8		µg/kg wet		20.0		89	47.5-130	5	50
Chloroform	18.6		µg/kg wet		20.0		93	70-130	3	25
Chloromethane	15.2		µg/kg wet		20.0		76	70-130	5	25
2-Chlorotoluene	19.7		µg/kg wet		20.0		99	70-130	1	25
4-Chlorotoluene	18.4		µg/kg wet		20.0		92	70-130	2	25
1,2-Dibromo-3-chloropropane	17.2		µg/kg wet		20.0		86	70-130	5	25
Dibromochloromethane	17.7		µg/kg wet		20.0		88	66.2-130	3	50
1,2-Dibromoethane (EDB)	17.8		µg/kg wet		20.0		89	70-130	2	25
Dibromomethane	18.7		µg/kg wet		20.0		93	70-130	5	25
1,2-Dichlorobenzene	18.7		µg/kg wet		20.0		93	70-130	0.2	25
1,3-Dichlorobenzene	17.1		µg/kg wet		20.0		86	70-130	2	25
1,4-Dichlorobenzene	18.7		µg/kg wet		20.0		94	70-130	1	25
Dichlorodifluoromethane (Freon12)	14.7		µg/kg wet		20.0		73	32-158	4	50
1,1-Dichloroethane	18.8		µg/kg wet		20.0		94	70-130	3	25
1,2-Dichloroethane	18.4		µg/kg wet		20.0		92	70-130	3	25
1,1-Dichloroethene	19.7		µg/kg wet		20.0		98	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 8121092 - SW846 5035A Soil (low level)										
LCS Dup (8121092-BSD1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
cis-1,2-Dichloroethene	18.5		µg/kg wet		20.0		92	70-130	3	25
trans-1,2-Dichloroethene	20.3		µg/kg wet		20.0		101	70-130	2	25
1,2-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130	2	25
1,3-Dichloropropane	17.3		µg/kg wet		20.0		87	70-130	2	25
2,2-Dichloropropane	15.6		µg/kg wet		20.0		78	70-130	1	25
1,1-Dichloropropene	19.5		µg/kg wet		20.0		97	70-130	5	25
cis-1,3-Dichloropropene	16.6		µg/kg wet		20.0		83	70-130	6	25
trans-1,3-Dichloropropene	16.8		µg/kg wet		20.0		84	70-130	0.2	25
Ethylbenzene	20.3		µg/kg wet		20.0		101	70-130	0	25
Hexachlorobutadiene	17.4		µg/kg wet		20.0		87	53.6-138	3	50
2-Hexanone (MBK)	17.4		µg/kg wet		20.0		87	70-130	3	25
Isopropylbenzene	20.6		µg/kg wet		20.0		103	70-130	2	25
4-Isopropyltoluene	18.9		µg/kg wet		20.0		95	70-130	3	25
Methyl tert-butyl ether	18.6		µg/kg wet		20.0		93	70-130	6	25
4-Methyl-2-pentanone (MIBK)	18.7		µg/kg wet		20.0		94	53.5-137	8	50
Methylene chloride	18.6		µg/kg wet		20.0		93	70-130	10	25
Naphthalene	16.0		µg/kg wet		20.0		80	70-130	2	25
n-Propylbenzene	19.6		µg/kg wet		20.0		98	70-130	2	25
Styrene	18.8		µg/kg wet		20.0		94	70-130	3	25
1,1,1,2-Tetrachloroethane	18.7		µg/kg wet		20.0		94	70-130	5	25
1,1,2,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95	70-130	3	25
Tetrachloroethene	18.0		µg/kg wet		20.0		90	70-130	2	25
Toluene	17.8		µg/kg wet		20.0		89	70-130	2	25
1,2,3-Trichlorobenzene	16.3		µg/kg wet		20.0		81	70-130	5	25
1,2,4-Trichlorobenzene	16.2		µg/kg wet		20.0		81	70-130	3	25
1,3,5-Trichlorobenzene	17.3		µg/kg wet		20.0		86	70-130	10	25
1,1,1-Trichloroethane	19.2		µg/kg wet		20.0		96	70-130	3	25
1,1,2-Trichloroethane	18.1		µg/kg wet		20.0		90	70-130	0.6	25
Trichloroethene	18.8		µg/kg wet		20.0		94	70-130	2	25
Trichlorofluoromethane (Freon 11)	19.6		µg/kg wet		20.0		98	50.9-138	5	50
1,2,3-Trichloropropane	16.6		µg/kg wet		20.0		83	70-130	0.2	25
1,2,4-Trimethylbenzene	18.3		µg/kg wet		20.0		92	70-130	1	25
1,3,5-Trimethylbenzene	18.9		µg/kg wet		20.0		95	70-130	1	25
Vinyl chloride	16.6		µg/kg wet		20.0		83	70-130	4	25
m,p-Xylene	39.9		µg/kg wet		40.0		100	70-130	0.3	25
o-Xylene	19.2		µg/kg wet		20.0		96	70-130	2	25
Tetrahydrofuran	18.2		µg/kg wet		20.0		91	70-130	5	25
Ethyl ether	19.3		µg/kg wet		20.0		97	61.4-130	9	50
Tert-amyl methyl ether	16.8		µg/kg wet		20.0		84	70-130	15	25
Ethyl tert-butyl ether	18.6		µg/kg wet		20.0		93	70-130	3	25
Di-isopropyl ether	20.6		µg/kg wet		20.0		103	70-130	3	25
Tert-Butanol / butyl alcohol	161		µg/kg wet		200		81	70-130	4	25
1,4-Dioxane	180		µg/kg wet		200		90	48.3-142	6	25
trans-1,4-Dichloro-2-butene	14.1		µg/kg wet		20.0		70	70-130	9	25
Ethanol	362		µg/kg wet		400		90	70-130	17	30
Surrogate: 4-Bromofluorobenzene	*48.1*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*49.0*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.6*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: Dibromofluoromethane	*50.0*		µg/kg wet		*50.0*		*100*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121101 - SW846 5030 Water MS										
Blank (8121101-BLK1)										
Prepared & Analyzed: 12-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121101 - SW846 5030 Water MS										
Blank (8121101-BLK1)										
Prepared & Analyzed: 12-Dec-08										
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,3,5-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0						
Ethanol	BRL		µg/l	400						
Surrogate: 4-Bromofluorobenzene	*47.0*		µg/l		*50.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*47.0*		µg/l		*50.0*		*94*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.4*		µg/l		*50.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*44.8*		µg/l		*50.0*		*90*	*70-130*		
LCS (8121101-BS1)										
Prepared & Analyzed: 12-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.8		µg/l		20.0		109	70-130		
Acetone	20.4		µg/l		20.0		102	31.7-144		
Acrylonitrile	21.9		µg/l		20.0		110	70-130		
Benzene	24.2		µg/l		20.0		121	70-130		
Bromobenzene	21.5		µg/l		20.0		108	70-130		
Bromochloromethane	20.6		µg/l		20.0		103	70-130		
Bromodichloromethane	20.4		µg/l		20.0		102	70-130		
Bromoform	18.3		µg/l		20.0		91	70-130		
Bromomethane	22.0		µg/l		20.0		110	43-158		
2-Butanone (MEK)	22.0		µg/l		20.0		110	54.5-137		
n-Butylbenzene	21.5		µg/l		20.0		108	70-130		
sec-Butylbenzene	22.5		µg/l		20.0		112	70-130		
tert-Butylbenzene	22.2		µg/l		20.0		111	70-130		
Carbon disulfide	23.0		µg/l		20.0		115	70-130		
Carbon tetrachloride	22.4		µg/l		20.0		112	70-130		
Chlorobenzene	20.8		µg/l		20.0		104	70-130		
Chloroethane	22.2		µg/l		20.0		111	60.1-131		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121101 - SW846 5030 Water MS										
LCS (8121101-BS1)										
Prepared & Analyzed: 12-Dec-08										
Chloroform	18.7		µg/l		20.0		94	70-130		
Chloromethane	20.7		µg/l		20.0		104	70-130		
2-Chlorotoluene	21.3		µg/l		20.0		107	70-130		
4-Chlorotoluene	20.9		µg/l		20.0		104	70-130		
1,2-Dibromo-3-chloropropane	20.4		µg/l		20.0		102	70-130		
Dibromochloromethane	18.8		µg/l		20.0		94	66.2-145		
1,2-Dibromoethane (EDB)	21.0		µg/l		20.0		105	70-130		
Dibromomethane	20.4		µg/l		20.0		102	70-130		
1,2-Dichlorobenzene	21.4		µg/l		20.0		107	70-130		
1,3-Dichlorobenzene	21.1		µg/l		20.0		106	70-130		
1,4-Dichlorobenzene	18.9		µg/l		20.0		94	70-130		
Dichlorodifluoromethane (Freon12)	22.6		µg/l		20.0		113	46.9-168		
1,1-Dichloroethane	20.0		µg/l		20.0		100	70-130		
1,2-Dichloroethane	20.6		µg/l		20.0		103	70-130		
1,1-Dichloroethene	22.3		µg/l		20.0		112	70-130		
cis-1,2-Dichloroethene	19.1		µg/l		20.0		96	70-130		
trans-1,2-Dichloroethene	21.7		µg/l		20.0		109	70-130		
1,2-Dichloropropane	20.6		µg/l		20.0		103	70-130		
1,3-Dichloropropane	20.6		µg/l		20.0		103	70-130		
2,2-Dichloropropane	21.0		µg/l		20.0		105	70-130		
1,1-Dichloropropene	23.5		µg/l		20.0		118	70-130		
cis-1,3-Dichloropropene	18.7		µg/l		20.0		93	70-130		
trans-1,3-Dichloropropene	18.0		µg/l		20.0		90	70-130		
Ethylbenzene	22.3		µg/l		20.0		111	70-130		
Hexachlorobutadiene	28.9	QC1	µg/l		20.0		145	70-135		
2-Hexanone (MBK)	24.0		µg/l		20.0		120	70-130		
Isopropylbenzene	22.7		µg/l		20.0		114	70-130		
4-Isopropyltoluene	20.6		µg/l		20.0		103	70-130		
Methyl tert-butyl ether	20.9		µg/l		20.0		104	70-130		
4-Methyl-2-pentanone (MIBK)	20.7		µg/l		20.0		104	57.6-130		
Methylene chloride	20.5		µg/l		20.0		103	70-130		
Naphthalene	29.1	QC1	µg/l		20.0		146	70-130		
n-Propylbenzene	22.7		µg/l		20.0		114	70-130		
Styrene	21.4		µg/l		20.0		107	70-130		
1,1,1,2-Tetrachloroethane	21.7		µg/l		20.0		109	70-130		
1,1,2,2-Tetrachloroethane	22.5		µg/l		20.0		113	70-130		
Tetrachloroethene	21.9		µg/l		20.0		109	70-130		
Toluene	20.4		µg/l		20.0		102	70-130		
1,2,3-Trichlorobenzene	32.6	QC1	µg/l		20.0		163	70-130		
1,2,4-Trichlorobenzene	27.5	QC1	µg/l		20.0		138	70-130		
1,3,5-Trichlorobenzene	25.7		µg/l		20.0		129	70-130		
1,1,1-Trichloroethane	21.7		µg/l		20.0		109	70-130		
1,1,2-Trichloroethane	20.8		µg/l		20.0		104	70-130		
Trichloroethene	20.0		µg/l		20.0		100	70-130		
Trichlorofluoromethane (Freon 11)	24.4		µg/l		20.0		122	64.9-147		
1,2,3-Trichloropropane	19.4		µg/l		20.0		97	70-130		
1,2,4-Trimethylbenzene	21.4		µg/l		20.0		107	70-130		
1,3,5-Trimethylbenzene	21.5		µg/l		20.0		108	70-130		
Vinyl chloride	21.1		µg/l		20.0		105	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121101 - SW846 5030 Water MS										
LCS (8121101-BS1)										
Prepared & Analyzed: 12-Dec-08										
m,p-Xylene	42.7		µg/l		40.0		107	70-130		
o-Xylene	21.0		µg/l		20.0		105	70-130		
Tetrahydrofuran	23.0		µg/l		20.0		115	70-130		
Ethyl ether	21.6		µg/l		20.0		108	70-130		
Tert-amyl methyl ether	19.2		µg/l		20.0		96	70-130		
Ethyl tert-butyl ether	20.2		µg/l		20.0		101	70-130		
Di-isopropyl ether	21.4		µg/l		20.0		107	70-130		
Tert-Butanol / butyl alcohol	213		µg/l		200		107	70-130		
1,4-Dioxane	251		µg/l		200		126	53.8-137		
trans-1,4-Dichloro-2-butene	14.8		µg/l		20.0		74	70-130		
Ethanol	411		µg/l		400		103	70-130		
Surrogate: 4-Bromofluorobenzene	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.8*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*50.8*		µg/l		*50.0*		*102*	*70-130*		
LCS Dup (8121101-BSD1)										
Prepared & Analyzed: 12-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.0		µg/l		20.0		100	70-130	8	25
Acetone	19.6		µg/l		20.0		98	31.7-144	4	50
Acrylonitrile	21.3		µg/l		20.0		106	70-130	3	25
Benzene	19.5		µg/l		20.0		98	70-130	22	25
Bromobenzene	19.6		µg/l		20.0		98	70-130	9	25
Bromochloromethane	20.5		µg/l		20.0		102	70-130	0.3	25
Bromodichloromethane	19.7		µg/l		20.0		99	70-130	3	25
Bromoform	17.4		µg/l		20.0		87	70-130	5	25
Bromomethane	21.1		µg/l		20.0		106	43-158	4	50
2-Butanone (MEK)	21.6		µg/l		20.0		108	54.5-137	2	50
n-Butylbenzene	19.6		µg/l		20.0		98	70-130	9	25
sec-Butylbenzene	19.5		µg/l		20.0		97	70-130	14	25
tert-Butylbenzene	19.8		µg/l		20.0		99	70-130	12	25
Carbon disulfide	20.9		µg/l		20.0		104	70-130	10	25
Carbon tetrachloride	20.9		µg/l		20.0		105	70-130	7	25
Chlorobenzene	18.8		µg/l		20.0		94	70-130	10	25
Chloroethane	20.8		µg/l		20.0		104	60.1-131	7	50
Chloroform	18.3		µg/l		20.0		91	70-130	2	25
Chloromethane	20.3		µg/l		20.0		101	70-130	2	25
2-Chlorotoluene	19.4		µg/l		20.0		97	70-130	10	25
4-Chlorotoluene	19.7		µg/l		20.0		99	70-130	6	25
1,2-Dibromo-3-chloropropane	18.8		µg/l		20.0		94	70-130	8	25
Dibromochloromethane	18.4		µg/l		20.0		92	66.2-145	2	50
1,2-Dibromoethane (EDB)	21.0		µg/l		20.0		105	70-130	0.2	25
Dibromomethane	20.4		µg/l		20.0		102	70-130	0.1	25
1,2-Dichlorobenzene	19.7		µg/l		20.0		99	70-130	8	25
1,3-Dichlorobenzene	19.0		µg/l		20.0		95	70-130	10	25
1,4-Dichlorobenzene	18.5		µg/l		20.0		92	70-130	2	25
Dichlorodifluoromethane (Freon12)	21.3		µg/l		20.0		107	46.9-168	6	50
1,1-Dichloroethane	19.2		µg/l		20.0		96	70-130	4	25
1,2-Dichloroethane	20.4		µg/l		20.0		102	70-130	1	25
1,1-Dichloroethene	20.5		µg/l		20.0		102	70-130	9	25
cis-1,2-Dichloroethene	18.2		µg/l		20.0		91	70-130	5	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121101 - SW846 5030 Water MS										
LCS Dup (8121101-BSD1)										
Prepared & Analyzed: 12-Dec-08										
trans-1,2-Dichloroethene	20.1		µg/l		20.0		100	70-130	8	25
1,2-Dichloropropane	19.7		µg/l		20.0		99	70-130	5	25
1,3-Dichloropropane	19.8		µg/l		20.0		99	70-130	4	25
2,2-Dichloropropane	19.3		µg/l		20.0		96	70-130	9	25
1,1-Dichloropropene	21.8		µg/l		20.0		109	70-130	8	25
cis-1,3-Dichloropropene	18.2		µg/l		20.0		91	70-130	3	25
trans-1,3-Dichloropropene	17.3		µg/l		20.0		87	70-130	4	25
Ethylbenzene	19.9		µg/l		20.0		99	70-130	11	25
Hexachlorobutadiene	24.4		µg/l		20.0		122	70-135	17	50
2-Hexanone (MBK)	20.4		µg/l		20.0		102	70-130	16	25
Isopropylbenzene	20.6		µg/l		20.0		103	70-130	10	25
4-Isopropyltoluene	18.9		µg/l		20.0		95	70-130	8	25
Methyl tert-butyl ether	20.8		µg/l		20.0		104	70-130	0.2	25
4-Methyl-2-pentanone (MIBK)	20.0		µg/l		20.0		100	57.6-130	4	50
Methylene chloride	19.7		µg/l		20.0		98	70-130	4	25
Naphthalene	24.6		µg/l		20.0		123	70-130	17	25
n-Propylbenzene	20.2		µg/l		20.0		101	70-130	12	25
Styrene	19.2		µg/l		20.0		96	70-130	11	25
1,1,1,2-Tetrachloroethane	20.0		µg/l		20.0		100	70-130	9	25
1,1,2,2-Tetrachloroethane	20.6		µg/l		20.0		103	70-130	9	25
Tetrachloroethene	21.0		µg/l		20.0		105	70-130	4	25
Toluene	19.3		µg/l		20.0		97	70-130	6	25
1,2,3-Trichlorobenzene	25.4		µg/l		20.0		127	70-130	25	25
1,2,4-Trichlorobenzene	22.3		µg/l		20.0		111	70-130	21	25
1,3,5-Trichlorobenzene	20.3		µg/l		20.0		101	70-130	24	25
1,1,1-Trichloroethane	20.3		µg/l		20.0		101	70-130	7	25
1,1,2-Trichloroethane	20.5		µg/l		20.0		103	70-130	1	25
Trichloroethene	18.7		µg/l		20.0		93	70-130	7	25
Trichlorofluoromethane (Freon 11)	22.4		µg/l		20.0		112	64.9-147	8	50
1,2,3-Trichloropropane	18.0		µg/l		20.0		90	70-130	7	25
1,2,4-Trimethylbenzene	19.2		µg/l		20.0		96	70-130	11	25
1,3,5-Trimethylbenzene	19.5		µg/l		20.0		98	70-130	10	25
Vinyl chloride	20.1		µg/l		20.0		101	70-130	5	25
m,p-Xylene	38.6		µg/l		40.0		97	70-130	10	25
o-Xylene	18.8		µg/l		20.0		94	70-130	11	25
Tetrahydrofuran	22.6		µg/l		20.0		113	70-130	2	25
Ethyl ether	20.6		µg/l		20.0		103	70-130	5	50
Tert-amyl methyl ether	19.3		µg/l		20.0		96	70-130	0.5	25
Ethyl tert-butyl ether	19.8		µg/l		20.0		99	70-130	2	25
Di-isopropyl ether	20.9		µg/l		20.0		104	70-130	2	25
Tert-Butanol / butyl alcohol	207		µg/l		200		104	70-130	3	25
1,4-Dioxane	213		µg/l		200		107	53.8-137	16	25
trans-1,4-Dichloro-2-butene	13.9	QC1	µg/l		20.0		69	70-130	7	25
Ethanol	418		µg/l		400		105	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*49.3*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.8*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*51.3*		µg/l		*50.0*		*103*	*70-130*		
Matrix Spike (8121101-MS1)	**Source: SA88658-07**									
Prepared & Analyzed: 12-Dec-08										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121101 - SW846 5030 Water MS										
Matrix Spike (8121101-MS1)	**Source: SA88658-07**									
Prepared & Analyzed: 12-Dec-08										
Benzene	19.3		µg/l		20.0	BRL	96	70-130		
Chlorobenzene	20.6		µg/l		20.0	BRL	103	70-130		
1,1-Dichloroethene	23.2		µg/l		20.0	BRL	116	70-130		
Toluene	20.5		µg/l		20.0	BRL	102	70-130		
Trichloroethene	20.8		µg/l		20.0	BRL	104	70-130		
Surrogate: 4-Bromofluorobenzene	*49.6*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*51.2*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Matrix Spike Dup (8121101-MSD1)	**Source: SA88658-07**									
Prepared & Analyzed: 12-Dec-08										
Benzene	19.4		µg/l		20.0	BRL	97	70-130	0.7	30
Chlorobenzene	20.3		µg/l		20.0	BRL	101	70-130	2	30
1,1-Dichloroethene	22.6		µg/l		20.0	BRL	113	70-130	3	30
Toluene	21.0		µg/l		20.0	BRL	105	70-130	2	30
Trichloroethene	20.4		µg/l		20.0	BRL	102	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*49.4*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*52.0*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*52.0*		µg/l		*50.0*		*104*	*70-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121310 - SW846 3550B										
Blank (8121310-BLK1)										
Prepared: 16-Dec-08 Analyzed: 17-Dec-08										
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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121310 - SW846 3550B										
Blank (8121310-BLK1)										
Prepared: 16-Dec-08 Analyzed: 17-Dec-08										
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	*3420*		µg/kg wet		*3330*		*103*	*30-130*		
Surrogate: 2-Fluorophenol	*3220*		µg/kg wet		*3330*		*97*	*15-110*		
Surrogate: Nitrobenzene-d5	*3030*		µg/kg wet		*3330*		*91*	*30-130*		
Surrogate: Phenol-d5	*3100*		µg/kg wet		*3330*		*93*	*15-110*		
Surrogate: Terphenyl-d14	*4040*		µg/kg wet		*3330*		*121*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3810*	SGC	µg/kg wet		*3330*		*114*	*15-110*		
LCS (8121310-BS1)										
Prepared: 16-Dec-08 Analyzed: 17-Dec-08										
Acenaphthene	2570		µg/kg wet	330	3330		77	40-130		
Acenaphthylene	2710		µg/kg wet	330	3330		81	40-130		
Aniline	1510		µg/kg wet	330	3330		45	40-130		
Anthracene	2450		µg/kg wet	330	3330		74	40-130		
Atrazine	2150		µg/kg wet	330	3330		65	40-130		
Azobenzene/Diphenyldiazine	2360		µg/kg wet	330	3330		71	40-130		
Benzidine	BRL		µg/kg wet	330	3330			0-130		
Benzo (a) anthracene	2860		µg/kg wet	330	3330		86	40-130		
Benzo (a) pyrene	2490		µg/kg wet	330	3330		75	40-130		
Benzo (b) fluoranthene	2390		µg/kg wet	330	3330		72	40-130		
Benzo (g,h,i) perylene	2390		µg/kg wet	330	3330		72	40-130		
Benzo (k) fluoranthene	2580		µg/kg wet	330	3330		77	40-130		
Benzoic acid	2340		µg/kg wet	330	3330		70	3.25-130		
Benzyl alcohol	1970		µg/kg wet	330	3330		59	40-130		
Bis(2-chloroethoxy)methane	2630		µg/kg wet	330	3330		79	40-130		
Bis(2-chloroethyl)ether	2480		µg/kg wet	330	3330		74	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 8121310 - SW846 3550B										
LCS (8121310-BS1)										
Prepared: 16-Dec-08 Analyzed: 17-Dec-08										
Bis(2-chloroisopropyl)ether	2620		µg/kg wet	330	3330		79	40-130		
Bis(2-ethylhexyl)phthalate	3090		µg/kg wet	330	3330		93	40-130		
4-Bromophenyl phenyl ether	2700		µg/kg wet	330	3330		81	40-130		
Butyl benzyl phthalate	3210		µg/kg wet	330	3330		96	40-130		
Carbazole	2410		µg/kg wet	330	3330		72	40-130		
4-Chloro-3-methylphenol	2400		µg/kg wet	330	3330		72	40-130		
4-Chloroaniline	1800		µg/kg wet	330	3330		54	40-130		
2-Chloronaphthalene	2380		µg/kg wet	330	3330		71	40-130		
2-Chlorophenol	2340		µg/kg wet	330	3330		70	40-130		
4-Chlorophenyl phenyl ether	3070		µg/kg wet	330	3330		92	40-130		
Chrysene	2930		µg/kg wet	330	3330		88	40-130		
Dibenzo (a,h) anthracene	2520		µg/kg wet	330	3330		76	40-130		
Dibenzofuran	2460		µg/kg wet	330	3330		74	40-130		
1,2-Dichlorobenzene	2300		µg/kg wet	330	3330		69	40-130		
1,3-Dichlorobenzene	2250		µg/kg wet	330	3330		68	40-130		
1,4-Dichlorobenzene	2290		µg/kg wet	330	3330		69	40-130		
3,3'-Dichlorobenzidine	2170		µg/kg wet	330	3330		65	40-130		
2,4-Dichlorophenol	2480		µg/kg wet	330	3330		74	40-130		
Diethyl phthalate	2980		µg/kg wet	330	3330		89	40-130		
Dimethyl phthalate	3120		µg/kg wet	330	3330		93	40-130		
2,4-Dimethylphenol	2220		µg/kg wet	330	3330		67	40-130		
Di-n-butyl phthalate	2840		µg/kg wet	330	3330		85	40-130		
4,6-Dinitro-2-methylphenol	2690		µg/kg wet	330	3330		81	40-130		
2,4-Dinitrophenol	2720		µg/kg wet	330	3330		81	40-130		
2,4-Dinitrotoluene	2670		µg/kg wet	330	3330		80	40-130		
2,6-Dinitrotoluene	2580		µg/kg wet	330	3330		77	40-130		
Di-n-octyl phthalate	2660		µg/kg wet	330	3330		80	40-130		
Fluoranthene	2510		µg/kg wet	330	3330		75	40-130		
Fluorene	2540		µg/kg wet	330	3330		76	40-130		
Hexachlorobenzene	2300		µg/kg wet	330	3330		69	40-130		
Hexachlorobutadiene	2380		µg/kg wet	330	3330		71	40-130		
Hexachlorocyclopentadiene	2230		µg/kg wet	330	3330		67	40-130		
Hexachloroethane	2260		µg/kg wet	330	3330		68	40-130		
Indeno (1,2,3-cd) pyrene	2460		µg/kg wet	330	3330		74	40-130		
Isophorone	2290		µg/kg wet	330	3330		69	40-130		
1-Methylnaphthalene	2600		µg/kg wet	330	3330		78	40-140		
2-Methylnaphthalene	2320		µg/kg wet	330	3330		70	40-130		
2-Methylphenol	2400		µg/kg wet	330	3330		72	40-130		
3 & 4-Methylphenol	2580		µg/kg wet	330	3330		77	40-130		
Naphthalene	2370		µg/kg wet	330	3330		71	40-130		
2-Nitroaniline	2540		µg/kg wet	330	3330		76	40-130		
3-Nitroaniline	2050		µg/kg wet	330	3330		61	40-130		
4-Nitroaniline	2300		µg/kg wet	1320	3330		69	40-130		
Nitrobenzene	2250		µg/kg wet	330	3330		67	40-130		
2-Nitrophenol	2470		µg/kg wet	330	3330		74	40-130		
4-Nitrophenol	2690		µg/kg wet	1320	3330		81	40-130		
N-Nitrosodimethylamine	472	QC2	µg/kg wet	330	3330		14	40-130		
N-Nitrosodi-n-propylamine	2650		µg/kg wet	330	3330		79	40-130		
N-Nitrosodiphenylamine	2730		µg/kg wet	330	3330		82	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 8121310 - SW846 3550B										
LCS (8121310-BS1)										
Prepared: 16-Dec-08 Analyzed: 17-Dec-08										
Pentachlorophenol	2630		µg/kg wet	330	3330		79	40-130		
Phenanthrene	2430		µg/kg wet	330	3330		73	40-130		
Phenol	2410		µg/kg wet	330	3330		72	40-130		
Pyrene	2920		µg/kg wet	330	3330		88	40-130		
Pyridine	138		µg/kg wet	330	3330		4	0-130		
1,2,4-Trichlorobenzene	2320		µg/kg wet	330	3330		70	40-130		
2,4,5-Trichlorophenol	2670		µg/kg wet	330	3330		80	40-130		
2,4,6-Trichlorophenol	2580		µg/kg wet	330	3330		77	40-130		
Pentachloronitrobenzene	2470		µg/kg wet	330	3330		74	40-140		
1,2,4,5-Tetrachlorobenzene	2370		µg/kg wet	330	3330		71	40-140		
Surrogate: 2-Fluorobiphenyl	*2500*		µg/kg wet		*3330*		*75*	*30-130*		
Surrogate: 2-Fluorophenol	*2180*		µg/kg wet		*3330*		*65*	*15-110*		
Surrogate: Nitrobenzene-d5	*2370*		µg/kg wet		*3330*		*71*	*30-130*		
Surrogate: Phenol-d5	*2100*		µg/kg wet		*3330*		*63*	*15-110*		
Surrogate: Terphenyl-d14	*2700*		µg/kg wet		*3330*		*81*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2600*		µg/kg wet		*3330*		*78*	*15-110*		
Duplicate (8121310-DUP1) **Source: SA88721-05**										
Prepared: 16-Dec-08 Analyzed: 17-Dec-08										
Acenaphthene	BRL		µg/kg dry	381		BRL				50
Acenaphthylene	BRL		µg/kg dry	381		BRL				50
Aniline	BRL		µg/kg dry	381		BRL				50
Anthracene	BRL		µg/kg dry	381		BRL				50
Atrazine	BRL		µg/kg dry	381		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	381		BRL				50
Benzidine	BRL		µg/kg dry	381		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	381		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	381		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	381		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	381		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	381		BRL				50
Benzoic acid	BRL		µg/kg dry	381		BRL				50
Benzyl alcohol	BRL		µg/kg dry	381		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	381		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	381		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	381		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	381		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	381		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	381		BRL				50
Carbazole	BRL		µg/kg dry	381		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	381		BRL				50
4-Chloroaniline	BRL		µg/kg dry	381		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	381		BRL				50
2-Chlorophenol	BRL		µg/kg dry	381		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	381		BRL				50
Chrysene	BRL		µg/kg dry	381		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	381		BRL				50
Dibenzofuran	BRL		µg/kg dry	381		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	381		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	381		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	381		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121310 - SW846 3550B										
Duplicate (8121310-DUP1) **Source: SA88721-05**										
Prepared: 16-Dec-08 Analyzed: 17-Dec-08										
3,3'-Dichlorobenzidine	BRL		µg/kg dry	381		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	381		BRL				50
Diethyl phthalate	BRL		µg/kg dry	381		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	381		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	381		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	381		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	381		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	381		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	381		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	381		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	381		BRL				50
Fluoranthene	BRL		µg/kg dry	381		BRL				50
Fluorene	BRL		µg/kg dry	381		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	381		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	381		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	381		BRL				50
Hexachloroethane	BRL		µg/kg dry	381		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	381		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	381		BRL				50
Isophorone	BRL		µg/kg dry	381		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	381		BRL				50
2-Methylphenol	BRL		µg/kg dry	381		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	381		BRL				50
Naphthalene	BRL		µg/kg dry	381		BRL				50
2-Nitroaniline	BRL		µg/kg dry	381		BRL				50
3-Nitroaniline	BRL		µg/kg dry	381		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1520		BRL				50
Nitrobenzene	BRL		µg/kg dry	381		BRL				50
2-Nitrophenol	BRL		µg/kg dry	381		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1520		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	381		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	381		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	381		BRL				50
Pentachlorophenol	BRL		µg/kg dry	381		BRL				50
Phenanthrene	BRL		µg/kg dry	381		BRL				50
Phenol	BRL		µg/kg dry	381		BRL				50
Pyrene	BRL		µg/kg dry	381		BRL				50
Pyridine	BRL		µg/kg dry	381		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	381		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	381		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	381		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	381		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	381		BRL				50
Surrogate: 2-Fluorobiphenyl	*588*		µg/kg dry		*1920*		*31*	*30-130*		
Surrogate: 2-Fluorophenol	*650*		µg/kg dry		*1920*		*34*	*15-110*		
Surrogate: Nitrobenzene-d5	*564*	SGC	µg/kg dry		*1920*		*29*	*30-130*		
Surrogate: Phenol-d5	*537*		µg/kg dry		*1920*		*28*	*15-110*		
Surrogate: Terphenyl-d14	*674*		µg/kg dry		*1920*		*35*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*630*		µg/kg dry		*1920*		*33*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121310 - SW846 3550B										
Matrix Spike (8121310-MS1) **Source: SA88721-05**										
Prepared: 16-Dec-08 Analyzed: 17-Dec-08										
Acenaphthene	1520		µg/kg dry	193	1950	BRL	78	40-140		
Benzo (b) fluoranthene	1550		µg/kg dry	193	1950	BRL	80	40-140		
Benzo (k) fluoranthene	1420		µg/kg dry	193	1950	BRL	73	40-140		
4-Chloro-3-methylphenol	1400		µg/kg dry	193	1950	BRL	72	30-130		
2-Chlorophenol	1380		µg/kg dry	193	1950	BRL	71	30-130		
Chrysene	1670		µg/kg dry	193	1950	BRL	86	40-140		
1,4-Dichlorobenzene	1330		µg/kg dry	193	1950	BRL	68	40-140		
Indeno (1,2,3-cd) pyrene	1420		µg/kg dry	193	1950	BRL	73	40-140		
Naphthalene	1400		µg/kg dry	193	1950	BRL	72	40-140		
4-Nitrophenol	1580		µg/kg dry	771	1950	BRL	81	30-130		
N-Nitrosodi-n-propylamine	1560		µg/kg dry	193	1950	BRL	80	40-140		
Pentachlorophenol	1550		µg/kg dry	193	1950	BRL	80	30-130		
Phenol	1420		µg/kg dry	193	1950	BRL	73	30-130		
Pyrene	1700		µg/kg dry	193	1950	BRL	87	40-140		
1,2,4-Trichlorobenzene	1360		µg/kg dry	193	1950	BRL	70	40-140		
Surrogate: 2-Fluorobiphenyl	*920*		µg/kg dry		*1950*		*47*	*30-130*		
Surrogate: 2-Fluorophenol	*861*		µg/kg dry		*1950*		*44*	*15-110*		
Surrogate: Nitrobenzene-d5	*867*		µg/kg dry		*1950*		*45*	*30-130*		
Surrogate: Phenol-d5	*787*		µg/kg dry		*1950*		*40*	*15-110*		
Surrogate: Terphenyl-dl4	*964*		µg/kg dry		*1950*		*50*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*954*		µg/kg dry		*1950*		*49*	*15-110*		
Matrix Spike Dup (8121310-MSD1) **Source: SA88721-05**										
Prepared: 16-Dec-08 Analyzed: 17-Dec-08										
Acenaphthene	1650		µg/kg dry	192	1940	BRL	85	40-140	8	30
Benzo (b) fluoranthene	1670		µg/kg dry	192	1940	BRL	86	40-140	8	30
Benzo (k) fluoranthene	1620		µg/kg dry	192	1940	BRL	84	40-140	13	30
4-Chloro-3-methylphenol	1570		µg/kg dry	192	1940	BRL	81	30-130	12	30
2-Chlorophenol	1500		µg/kg dry	192	1940	BRL	77	30-130	9	30
Chrysene	1880		µg/kg dry	192	1940	BRL	97	40-140	12	30
1,4-Dichlorobenzene	1460		µg/kg dry	192	1940	BRL	76	40-140	10	30
Indeno (1,2,3-cd) pyrene	1620		µg/kg dry	192	1940	BRL	83	40-140	13	30
Naphthalene	1520		µg/kg dry	192	1940	BRL	79	40-140	9	30
4-Nitrophenol	1810		µg/kg dry	768	1940	BRL	93	30-130	14	30
N-Nitrosodi-n-propylamine	1690		µg/kg dry	192	1940	BRL	87	40-140	9	30
Pentachlorophenol	1760		µg/kg dry	192	1940	BRL	91	30-130	13	30
Phenol	1540		µg/kg dry	192	1940	BRL	80	30-130	9	30
Pyrene	1830		µg/kg dry	192	1940	BRL	94	40-140	8	30
1,2,4-Trichlorobenzene	1500		µg/kg dry	192	1940	BRL	77	40-140	10	30
Surrogate: 2-Fluorobiphenyl	*951*		µg/kg dry		*1940*		*49*	*30-130*		
Surrogate: 2-Fluorophenol	*904*		µg/kg dry		*1940*		*47*	*15-110*		
Surrogate: Nitrobenzene-d5	*917*		µg/kg dry		*1940*		*47*	*30-130*		
Surrogate: Phenol-d5	*832*		µg/kg dry		*1940*		*43*	*15-110*		
Surrogate: Terphenyl-dl4	*1030*		µg/kg dry		*1940*		*53*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1000*		µg/kg dry		*1940*		*52*	*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 8120954 - SW846 3550B										
Blank (8120954-BLK1)										
Prepared & Analyzed: 11-Dec-08										
2,4,5-T	BRL		µg/kg wet	6.70						
2,4,5-T [2C]	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex)	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex) [2C]	BRL		µg/kg wet	6.70						
2,4-D	BRL		µg/kg wet	6.70						
2,4-D [2C]	BRL		µg/kg wet	6.70						
2,4-DB	BRL		µg/kg wet	6.70						
2,4-DB [2C]	BRL		µg/kg wet	6.70						
Dalapon	BRL		µg/kg wet	6.70						
Dalapon [2C]	BRL		µg/kg wet	6.70						
Dicamba	BRL		µg/kg wet	6.70						
Dicamba [2C]	BRL		µg/kg wet	6.70						
Dichlorprop	BRL		µg/kg wet	6.70						
Dichlorprop [2C]	BRL		µg/kg wet	6.70						
Dinoseb	BRL		µg/kg wet	6.70						
Dinoseb [2C]	BRL		µg/kg wet	6.70						
MCPA	BRL		µg/kg wet	670						
MCPA [2C]	BRL		µg/kg wet	670						
MCPB	BRL		µg/kg wet	670						
MCPB [2C]	BRL		µg/kg wet	670						
MCPP	BRL		µg/kg wet	670						
MCPP [2C]	BRL		µg/kg wet	670						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*13.5*		µg/kg wet		*13.3*		*101*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*14.0*		µg/kg wet		*13.3*		*105*	*30-150*		
LCS (8120954-BS1)										
Prepared & Analyzed: 11-Dec-08										
2,4,5-T	19.9		µg/kg wet	6.70	33.3		60	40-140		
2,4,5-T [2C]	17.5		µg/kg wet	6.70	33.3		53	40-140		
2,4,5-TP (Silvex)	20.3		µg/kg wet	6.70	33.3		61	40-140		
2,4,5-TP (Silvex) [2C]	19.9		µg/kg wet	6.70	33.3		60	40-140		
2,4-D	21.1		µg/kg wet	6.70	33.3		63	40-140		
2,4-D [2C]	21.1		µg/kg wet	6.70	33.3		63	40-140		
2,4-DB	17.1		µg/kg wet	6.70	33.3		51	40-140		
2,4-DB [2C]	17.7		µg/kg wet	6.70	33.3		53	40-140		
Dalapon	16.0		µg/kg wet	6.70	33.3		48	40-140		
Dalapon [2C]	17.4		µg/kg wet	6.70	33.3		52	40-140		
Dicamba	20.8		µg/kg wet	6.70	33.3		62	40-140		
Dicamba [2C]	22.4		µg/kg wet	6.70	33.3		67	40-140		
Dichlorprop	21.7		µg/kg wet	6.70	33.3		65	40-140		
Dichlorprop [2C]	22.3		µg/kg wet	6.70	33.3		67	40-140		
Dinoseb	20.7		µg/kg wet	6.70	33.3		62	40-140		
Dinoseb [2C]	21.5		µg/kg wet	6.70	33.3		64	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.1*		µg/kg wet		*13.3*		*91*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*12.5*		µg/kg wet		*13.3*		*94*	*30-150*		
LCS (8120954-BS2)										
Prepared & Analyzed: 11-Dec-08										
MCPA	6800		µg/kg wet	670	10000		68	40-140		
MCPA [2C]	7530		µg/kg wet	670	10000		75	40-140		
MCPB	7530		µg/kg wet	670	10000		75	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120954 - SW846 3550B										
LCS (8120954-BS2)										
Prepared & Analyzed: 11-Dec-08										
MCPB [2C]	7800		µg/kg wet	670	10000		78	40-140		
MCPP	6730		µg/kg wet	670	10000		67	40-140		
MCPP [2C]	6270		µg/kg wet	670	10000		63	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*13.4*		µg/kg wet		*13.3*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [;	*13.0*		µg/kg wet		*13.3*		*98*	*30-150*		
LCS Dup (8120954-BSD1)										
Prepared & Analyzed: 11-Dec-08										
2,4,5-T	19.4		µg/kg wet	6.70	33.3		58	40-140	2	25
2,4,5-T [2C]	17.7		µg/kg wet	6.70	33.3		53	40-140	1	25
2,4,5-TP (Silvex)	20.5		µg/kg wet	6.70	33.3		62	40-140	1	25
2,4,5-TP (Silvex) [2C]	20.3		µg/kg wet	6.70	33.3		61	40-140	2	25
2,4-D	20.4		µg/kg wet	6.70	33.3		61	40-140	3	25
2,4-D [2C]	20.0		µg/kg wet	6.70	33.3		60	40-140	5	25
2,4-DB	18.1		µg/kg wet	6.70	33.3		54	40-140	5	25
2,4-DB [2C]	18.3		µg/kg wet	6.70	33.3		55	40-140	3	25
Dalapon	17.6		µg/kg wet	6.70	33.3		53	40-140	10	25
Dalapon [2C]	17.4		µg/kg wet	6.70	33.3		52	40-140	0	25
Dicamba	21.5		µg/kg wet	6.70	33.3		64	40-140	3	25
Dicamba [2C]	23.2		µg/kg wet	6.70	33.3		70	40-140	4	25
Dichlorprop	22.7		µg/kg wet	6.70	33.3		68	40-140	4	25
Dichlorprop [2C]	21.8		µg/kg wet	6.70	33.3		65	40-140	2	25
Dinoseb	20.7		µg/kg wet	6.70	33.3		62	40-140	0.3	25
Dinoseb [2C]	22.3		µg/kg wet	6.70	33.3		67	40-140	4	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.2*		µg/kg wet		*13.3*		*92*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [;	*13.7*		µg/kg wet		*13.3*		*103*	*30-150*		
LCS Dup (8120954-BSD2)										
Prepared & Analyzed: 11-Dec-08										
MCPA	7000		µg/kg wet	670	10000		70	40-140	3	25
MCPA [2C]	7870		µg/kg wet	670	10000		79	40-140	4	25
MCPB	7470		µg/kg wet	670	10000		75	40-140	0.9	25
MCPB [2C]	8070		µg/kg wet	670	10000		81	40-140	3	25
MCPP	6670		µg/kg wet	670	10000		67	40-140	1	25
MCPP [2C]	6470		µg/kg wet	670	10000		65	40-140	3	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*13.5*		µg/kg wet		*13.3*		*101*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [;	*13.6*		µg/kg wet		*13.3*		*102*	*30-150*		
Duplicate (8120954-DUP1) **Source: SA88334-08**										
Prepared: 11-Dec-08 Analyzed: 14-Dec-08										
2,4,5-T	BRL		µg/kg dry	6.70		BRL				30
2,4,5-T [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex) [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-D	BRL		µg/kg dry	6.70		BRL				30
2,4-D [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-DB	BRL		µg/kg dry	6.70		BRL				30
2,4-DB [2C]	BRL		µg/kg dry	6.70		BRL				30
Dalapon	BRL		µg/kg dry	6.70		BRL				30
Dalapon [2C]	BRL		µg/kg dry	6.70		BRL				30
Dicamba	BRL		µg/kg dry	6.70		BRL				30
Dicamba [2C]	BRL		µg/kg dry	6.70		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120954 - SW846 3550B										
Duplicate (8120954-DUP1) Source: SA88334-08										
Prepared: 11-Dec-08 Analyzed: 14-Dec-08										
Dichlorprop	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop [2C]	BRL		µg/kg dry	6.70		BRL				30
Dinoseb	BRL		µg/kg dry	6.70		BRL				30
Dinoseb [2C]	BRL		µg/kg dry	6.70		BRL				30
MCPA	BRL		µg/kg dry	670		BRL				30
MCPA [2C]	BRL		µg/kg dry	670		BRL				30
MCPB	BRL		µg/kg dry	670		BRL				30
MCPB [2C]	BRL		µg/kg dry	670		BRL				30
MCPP	BRL		µg/kg dry	670		BRL				30
MCPP [2C]	BRL		µg/kg dry	670		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.5*		µg/kg dry		*16.6*		*63*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*7.89*		µg/kg dry		*16.6*		*47*	*30-150*		
Batch 8121396 - SW846 3545A										
Blank (8121396-BLK1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
PCB 1016	BRL		µg/kg wet	20.0						
PCB 1221	BRL		µg/kg wet	20.0						
PCB 1232	BRL		µg/kg wet	20.0						
PCB 1242	BRL		µg/kg wet	20.0						
PCB 1248	BRL		µg/kg wet	20.0						
PCB 1254	BRL		µg/kg wet	20.0						
PCB 1260	BRL		µg/kg wet	20.0						
PCB 1262	BRL		µg/kg wet	20.0						
PCB 1268	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.7*		µg/kg wet		*20.0*		*74*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.3*		µg/kg wet		*20.0*		*82*	*30-150*		
LCS (8121396-BS1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
PCB 1016	222		µg/kg wet	20.0	250		89	40-140		
PCB 1260	216		µg/kg wet	20.0	250		86	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.7*		µg/kg wet		*20.0*		*74*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.6*		µg/kg wet		*20.0*		*83*	*30-150*		
LCS Dup (8121396-BSD1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
PCB 1016	214		µg/kg wet	20.0	250		86	40-140	4	30
PCB 1260	220		µg/kg wet	20.0	250		88	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.7*		µg/kg wet		*20.0*		*74*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.8*		µg/kg wet		*20.0*		*89*	*30-150*		
Duplicate (8121396-DUP1) Source: SA88661-01										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
PCB 1016	BRL		µg/kg dry	22.1		BRL				40
PCB 1221	BRL		µg/kg dry	22.1		BRL				40
PCB 1232	BRL		µg/kg dry	22.1		BRL				40
PCB 1242	BRL		µg/kg dry	22.1		BRL				40
PCB 1248	BRL		µg/kg dry	22.1		BRL				40
PCB 1254	BRL		µg/kg dry	22.1		BRL				40
PCB 1260	BRL		µg/kg dry	22.1		BRL				40
PCB 1262	BRL		µg/kg dry	22.1		BRL				40
PCB 1268	BRL		µg/kg dry	22.1		BRL				40

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121396 - SW846 3545A										
Duplicate (8121396-DUP1) **Source: SA88661-01**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.4*		µg/kg dry		*22.1*		*84*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.0*		µg/kg dry		*22.1*		*91*	*30-150*		
Matrix Spike (8121396-MS1) **Source: SA88661-01**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
PCB 1016	246		µg/kg dry	21.7	271	BRL	91	40-140		
PCB 1260	262		µg/kg dry	21.7	271	BRL	97	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.7*		µg/kg dry		*21.6*		*82*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.3*		µg/kg dry		*21.6*		*84*	*30-150*		
Matrix Spike Dup (8121396-MSD1) **Source: SA88661-01**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
PCB 1016	247		µg/kg dry	21.9	273	BRL	90	40-140	0.7	50
PCB 1260	267		µg/kg dry	21.9	273	BRL	98	40-140	1	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.8*		µg/kg dry		*21.9*		*86*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.1*		µg/kg dry		*21.9*		*92*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121308 - SW846 3550B										
Blank (8121308-BLK1)										
Prepared & Analyzed: 16-Dec-08										
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	*2.88*		mg/kg wet		*3.33*		*86*	*50-150*		
LCS (8121308-BS1)										
Prepared & Analyzed: 16-Dec-08										
C9-C36 Aliphatic Hydrocarbons	57.5		mg/kg wet	13.3	93.3		62	60-120		
Surrogate: 1-Chlorooctadecane	*2.50*		mg/kg wet		*3.33*		*75*	*50-150*		
Duplicate (8121308-DUP1) **Source: SA88721-05**										
Prepared: 16-Dec-08 Analyzed: 17-Dec-08										
Gasoline	BRL		mg/kg dry	15.4		BRL				50
Fuel Oil #2	BRL		mg/kg dry	15.4		BRL				50
Fuel Oil #4	BRL		mg/kg dry	15.4		BRL				50
Fuel Oil #6	BRL		mg/kg dry	15.4		BRL				50
Motor Oil	BRL		mg/kg dry	15.4		BRL				50
Aviation Fuel	BRL		mg/kg dry	15.4		BRL				50
Unidentified	BRL		mg/kg dry	15.4		BRL				50
Other Oil	BRL		mg/kg dry	15.4		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.4		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.4		BRL				50
Surrogate: 1-Chlorooctadecane	*1.25*		mg/kg dry		*1.92*		*65*	*50-150*		
Matrix Spike (8121308-MS1) **Source: SA88721-05**										
Prepared: 16-Dec-08 Analyzed: 17-Dec-08										
C9-C36 Aliphatic Hydrocarbons	65.1		mg/kg dry	15.2	107	BRL	61	50-150		
Surrogate: 1-Chlorooctadecane	*2.09*		mg/kg dry		*3.81*		*55*	*50-150*		
Matrix Spike Dup (8121308-MSD1) **Source: SA88721-05**										
Prepared: 16-Dec-08 Analyzed: 17-Dec-08										
C9-C36 Aliphatic Hydrocarbons	63.8		mg/kg dry	15.0	105	BRL	61	50-150	0.6	30
Surrogate: 1-Chlorooctadecane	*2.13*		mg/kg dry		*3.76*		*57*	*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 8121031 - SW846 3050B										
Blank (8121031-BLK1)										
Prepared: 18-Dec-08 Analyzed: 22-Dec-08										
Selenium	BRL		mg/kg wet	1.44						
Lead	BRL		mg/kg wet	1.44						
Cadmium	BRL		mg/kg wet	0.482						
Chromium	BRL		mg/kg wet	0.963						
Arsenic	BRL		mg/kg wet	1.44						
Silver	BRL		mg/kg wet	1.44						
Barium	BRL		mg/kg wet	0.963						
Duplicate (8121031-DUP1) Source: SA88661-01										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Lead	9.75		mg/kg dry	1.45		9.72			0.4	20
Selenium	BRL		mg/kg dry	1.45		BRL				20
Chromium	8.18		mg/kg dry	0.970		8.04			2	20
Arsenic	1.84	QR6	mg/kg dry	1.45		2.37			25	20
Silver	BRL		mg/kg dry	1.45		BRL				20
Cadmium	0.238	J	mg/kg dry	0.485		0.248			4	20
Barium	31.3		mg/kg dry	0.970		33.1			5	20
Matrix Spike (8121031-MS1) Source: SA88661-02										
Prepared: 18-Dec-08 Analyzed: 22-Dec-08										
Selenium	122		mg/kg dry	1.40	117	BRL	105	75-125		
Lead	123		mg/kg dry	1.40	117	17.6	91	75-125		
Cadmium	107		mg/kg dry	0.467	117	0.268	91	75-125		
Silver	111		mg/kg dry	1.40	117	BRL	95	75-125		
Arsenic	120		mg/kg dry	1.40	117	2.32	101	75-125		
Chromium	128		mg/kg dry	0.935	117	8.45	102	75-125		
Barium	160		mg/kg dry	0.935	117	39.2	104	75-125		
Matrix Spike Dup (8121031-MSD1) Source: SA88661-02										
Prepared: 18-Dec-08 Analyzed: 22-Dec-08										
Selenium	115		mg/kg dry	1.39	116	BRL	99	75-125	7	20
Lead	120		mg/kg dry	1.39	116	17.6	89	75-125	2	20
Silver	109		mg/kg dry	1.39	116	BRL	94	75-125	2	20
Cadmium	106		mg/kg dry	0.465	116	0.268	91	75-125	0.6	20
Chromium	125		mg/kg dry	0.930	116	8.45	100	75-125	2	20
Arsenic	112		mg/kg dry	1.39	116	2.32	95	75-125	7	20
Barium	153		mg/kg dry	0.930	116	39.2	98	75-125	5	20
Post Spike (8121031-PS1) Source: SA88661-02										
Prepared: 18-Dec-08 Analyzed: 22-Dec-08										
Selenium	124		mg/kg dry	1.41	117	BRL	106	80-120		
Lead	125		mg/kg dry	1.41	117	17.6	92	80-120		
Arsenic	122		mg/kg dry	1.41	117	2.32	102	80-120		
Silver	114		mg/kg dry	1.41	117	BRL	97	80-120		
Cadmium	111		mg/kg dry	0.469	117	0.268	95	80-120		
Chromium	129		mg/kg dry	0.938	117	8.45	103	80-120		
Barium	149		mg/kg dry	0.938	117	39.2	94	80-120		
Reference (8121031-SRM1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Lead	59.2		mg/kg wet	1.50	68.0		87	80.9-119.9		
Selenium	114		mg/kg wet	1.50	99.6		114	79.9-119.6		

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 8121031 - SW846 3050B										
Reference (8121031-SRM1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Silver	27.3		mg/kg wet	1.50	31.2		87	66.2-133.7		
Arsenic	59.2		mg/kg wet	1.50	61.5		96	82.9-117.1		
Cadmium	118		mg/kg wet	0.500	129		92	83.7-116.7		
Chromium	74.5		mg/kg wet	1.00	69.0		108	81.9-118.1		
Barium	114		mg/kg wet	1.00	128		89	80.5-119.5		
Reference (8121031-SRM2)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Lead	60.6		mg/kg wet	1.50	70.4		86	80.9-119.9		
Selenium	119		mg/kg wet	1.50	103		115	79.9-119.6		
Arsenic	65.6		mg/kg wet	1.50	63.6		103	82.9-117.1		
Cadmium	116		mg/kg wet	0.500	133		87	83.7-116.7		
Silver	31.0		mg/kg wet	1.50	32.3		96	66.2-133.7		
Chromium	74.4		mg/kg wet	1.00	71.4		104	81.9-118.1		
Barium	125		mg/kg wet	1.00	132		94	80.5-119.5		
Batch 8121032 - EPA200/SW7000 Series										
Blank (8121032-BLK1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	BRL		mg/kg wet	0.0283						
Duplicate (8121032-DUP1) **Source: SA88661-01**		QR6								
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.0713		mg/kg dry	0.0293		0.0577			21	20
Matrix Spike (8121032-MS1) **Source: SA88661-02**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.530		mg/kg dry	0.0290	0.403	0.0870	110	75-125		
Matrix Spike Dup (8121032-MSD1) **Source: SA88661-02**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.579		mg/kg dry	0.0306	0.424	0.0870	116	75-125	9	20
Post Spike (8121032-PS1) **Source: SA88661-02**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.565	QC1	mg/kg dry	0.0284	0.394	0.0870	121	80-120		
Reference (8121032-SRM1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	2.03		mg/kg wet	0.0300	2.06		98	71.7-128		

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 8121841 - SW846 3010A										
Blank (8121841-BLK1)										
Prepared: 24-Dec-08 Analyzed: 26-Dec-08										
Lead	BRL		mg/l	0.0150						
Arsenic	BRL		mg/l	0.0080						
Chromium	BRL		mg/l	0.0100						
LCS (8121841-BS1)										
Prepared: 24-Dec-08 Analyzed: 26-Dec-08										
Lead	2.47		mg/l	0.0150	2.50		99	85-115		
Arsenic	2.53		mg/l	0.0080	2.50		101	85-115		
Chromium	2.53		mg/l	0.0100	2.50		101	85-115		
LCS Dup (8121841-BSD1)										
Prepared: 24-Dec-08 Analyzed: 26-Dec-08										
Lead	2.40		mg/l	0.0150	2.50		96	85-115	3	20
Arsenic	2.44		mg/l	0.0080	2.50		98	85-115	4	20
Chromium	2.46		mg/l	0.0100	2.50		98	85-115	3	20
Duplicate (8121841-DUP1) Source: SA88890-02										
Prepared: 24-Dec-08 Analyzed: 26-Dec-08										
Lead	BRL		mg/l	0.0150		BRL				20
Chromium	BRL		mg/l	0.0100		BRL				20
Arsenic	BRL		mg/l	0.0080		BRL				20
Matrix Spike (8121841-MS1) Source: SA88890-02										
Prepared: 24-Dec-08 Analyzed: 26-Dec-08										
Lead	2.43		mg/l	0.0150	2.50	BRL	97	75-125		
Chromium	2.47		mg/l	0.0100	2.50	BRL	99	75-125		
Arsenic	2.46		mg/l	0.0080	2.50	BRL	98	75-125		
Matrix Spike Dup (8121841-MSD1) Source: SA88890-02										
Prepared: 24-Dec-08 Analyzed: 26-Dec-08										
Lead	2.39		mg/l	0.0150	2.50	BRL	96	75-125	2	20
Arsenic	2.43		mg/l	0.0080	2.50	BRL	97	75-125	1	20
Chromium	2.45		mg/l	0.0100	2.50	BRL	98	75-125	0.9	20
Post Spike (8121841-PS1) Source: SA88890-02										
Prepared: 24-Dec-08 Analyzed: 26-Dec-08										
Lead	2.43		mg/l	0.0150	2.50	BRL	97	75-125		
Chromium	2.48		mg/l	0.0100	2.50	BRL	99	75-125		
Arsenic	2.45		mg/l	0.0080	2.50	BRL	98	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121003 - General Preparation										
Duplicate (8121003-DUP1) Source: SA88635-05										
Prepared & Analyzed: 11-Dec-08										
% Solids	78.3		%			78.6			0.4	20

Notes and Definitions

QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
Z-2	The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.
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 and waste automobile oil
Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
Aviation Fuel - includes kerosene, Jet A and JP-4
Other Oil - includes lubricating and cutting oil, and silicon oil

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Leja
Rebecca Merz

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA **Client:** Tetra Tech Rizzo - Hartford, CT

Project Location: Hartford Busway - Hartford, CT **Project Number:** 127-17797-08010

Sampling Date(s): 08-Dec-08

Laboratory Sample ID(s): SA88661-01 through SA88661-06

RCP Methods Used: +CT ETPH, SW846 1312, SW846 1312/6010B, SW846 6010B, SW846 7471A, SW846 8082, SW846 8151A, SW846 8260B, SW846 8270C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)? * ** These methods have not yet been approved for release by CT DEP*	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature?	☑ Yes ☐ No ☐ N/A
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, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

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

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

Date: 12/30/2008

SA88661 Em

SPECTRUM ANALYTICAL, INC.
Formerly
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [x] 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 Rizzo
150 Trumbull St. 4th floor
Hartford, CT 06103

Project Mgr.: David Brassard

Invoice To: DAS # 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08010
Site Name: Hartford Busway
Location: Hartford State: CT
Sampler(s): Patrick S. dePaula

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= H2O X2= _____ X3= _____

G=Grab C=Composite

QA Reporting Notes: (check if needed)
- [ ] Provide MA DEP MCP CAM Report
- [x] Provide CT DEP RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

* State specific reporting standards: CT

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	Total RCRA 8 metals	SPLP RCRA 8 metals	
88661 01	RSB-B7	12/8/08	830	G	SO	7	3	2				X	X	X	X	X	X		
02	RSB-B8	↓	1230	↓	↓	↓	↓	↓				↓	↓	↓	↓	↓	↓		
03	RSB-B9		1315																
04	RSB-B10		1330																
05	RSB-B11		1400																
06	Trip Blank		800		X1	2	3					X							

- [ ] Fax results when available to (____) _____
- [x] E-mail to david.brassard@tetratech.com
EDD Format patrick.depaula

Condition upon receipt: [ ] Iced [ ] Ambient [ ] °C S.Y

Relinquished by:	Received by:	Date:	Time:
Patrick S de Paula	[illegible]	12-9-08	1215
[illegible]	Michael [illegible]	12-9-08	1514

SA8866 Exp

SPECTRUM ANALYTICAL, INC.
Formerly
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

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 Rizzo
150 Trumbull St. 4th floor
Hartford, CT 06103

Invoice To: DAS # 44236

Project No.: 127-17797-08010
Site Name: Hartford Busway
Location: Hartford State: CT
Project Mgr.: David Brassard
P.O. No.: _____ RQN: _____
Sampler(s): Patrick S dePaula

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= H_2O X2= _____ X3= _____

G=Grab C=Composite

QA Reporting Notes: (check if needed)
- ☐ Provide: MA DEP MCP CAM Report
- ☒ Provide: CT DEP RCP Report

QA/QC Reporting Level: ☒ Standard ☐ No QC ☐ Other _____
* State specific reporting standards: CT

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	Total RCRA 8 metals	SPLP	SPLP Pb, As, Cr	QA Reporting Notes
88661.01	RSB-B7	12/3/08	830	G	SO	7	3	2			X	X	X	X	X	X			
02	RSB-B8		1230																
03	RSB-B9		1315																
04	RSB-B10		1330															X	Added Pb, As, Cr
05	RSB-B11		1400																request 12/13
06	Trip Blank		800		X1	2	3				X								

☐ Fax results when available to (____) _____
☒ E-mail to david.brassard@tetratech.com
EDD Format patrick.depaula

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 5.8

Relinquished by:	Received by:	Date:	Time:
Patrick S dePaula	[illegible]	12.4.08	1215
[illegible]	Michael [illegible]	12.9.08	1514

Report Date:
09-Feb-09 17:40

☐ 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: Hartford Busway - Hartford, CT
Project 127-17797-08010

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA88675-01	RSB-B12	Soil	09-Dec-08 08:20	10-Dec-08 14:57
SA88675-02	RSB-B13	Soil	09-Dec-08 08:50	10-Dec-08 14:57
SA88675-03	RSB-B14	Soil	09-Dec-08 09:15	10-Dec-08 14:57
SA88675-04	RSB-B15	Soil	09-Dec-08 09:50	10-Dec-08 14:57
SA88675-05	RSB-B16	Soil	09-Dec-08 10:20	10-Dec-08 14:57
SA88675-06	RSB-B17	Soil	09-Dec-08 11:00	10-Dec-08 14:57
SA88675-07	RSB-B18	Soil	09-Dec-08 11:40	10-Dec-08 14:57
SA88675-08	RSB-B19	Soil	09-Dec-08 13:00	10-Dec-08 14:57
SA88675-09	RSB-B20	Soil	09-Dec-08 13:30	10-Dec-08 14:57
SA88675-10	RSB-B21	Soil	09-Dec-08 14:00	10-Dec-08 14:57

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

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

Authorized by:

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

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 79 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supercedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report is available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

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

CASE NARRATIVE:

The samples were received 3.5 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.

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

SW846 1311

Samples:

SA88675-09 *RSB-B20*

This sample was analyzed outside the EPA recommended holding time per client request.

TCLP Extraction

SW846 6010B

Duplicates:

8121031-DUP1 *Source: SA88661-01*

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

Arsenic

SW846 7471A

Spikes:

8121032-PS1 *Source: SA88661-02*

Analyte out of acceptance range.

Mercury

Duplicates:

8121032-DUP1 *Source: SA88661-01*

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

SW846 8151A

SW846 8151A

Samples:

S815265-CCV2

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

S815265-CCV4

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

S815284-CCV4

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

S815310-CCV6

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]

SW846 8270C

Blanks:

8121325-BLK1

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

2,4,6-Tribromophenol

Laboratory Control Samples:

8121325-BS1

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

Aniline
Hexachlorobenzene

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

2,4,6-Tribromophenol

Spikes:

8121325-MS1 *Source: SA88675-05*

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

2,4,6-Tribromophenol

8121325-MSD1 *Source: SA88675-05*

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

2,4,6-Tribromophenol

SW846 8270C

Duplicates:

8121325-DUP1 *Source: SA88675-05*

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

2,4,6-Tribromophenol

Samples:

SA88675-01 *RSB-B12*

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

2,4,6-Tribromophenol

SA88675-02 *RSB-B13*

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

2,4,6-Tribromophenol

SA88675-03 *RSB-B14*

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

2,4,6-Tribromophenol

SA88675-04 *RSB-B15*

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

2,4,6-Tribromophenol

SA88675-05 *RSB-B16*

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

2,4,6-Tribromophenol

SA88675-06 *RSB-B17*

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

2,4,6-Tribromophenol

SA88675-07 *RSB-B18*

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

2,4,6-Tribromophenol

SA88675-08 *RSB-B19*

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

2,4,6-Tribromophenol

SA88675-09 *RSB-B20*

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

2,4,6-Tribromophenol

SA88675-10 *RSB-B21*

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

2,4,6-Tribromophenol

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B12 SA88675-01	127-17797-08010	Soil	09-Dec-08 08:20	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds						Initial weight: 5.43 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.7	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
67-64-1	Acetone	BRL		µg/kg dry	56.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.7	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.7	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.3	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	56.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.3	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.7	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.3	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.7	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.3	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.3	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.7	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.3	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	56.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	56.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	56.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.7	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B12 SA88675-01	127-17797-08010	Soil	09-Dec-08 08:20	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.43 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.7	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
100-42-5	Styrene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.7	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.7	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.3	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	56.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	56.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	113	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2260	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*87*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*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	364	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	364	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	364	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	364	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	364	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	364	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	364	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	364	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	364	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	364	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	364	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	364	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	364	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	364	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B12 SA88675-01	127-17797-08010	Soil	09-Dec-08 08:20	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	364	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	364	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	364	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	364	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	364	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	364	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	364	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	364	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	364	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	364	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	364	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	364	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	364	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	364	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	364	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	364	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	364	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	364	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	364	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	364	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	364	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	364	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	364	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	364	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	364	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	364	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	364	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	364	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	364	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	364	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	364	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	364	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	364	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	364	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	364	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	364	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	364	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	364	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	364	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	364	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	364	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	364	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	364	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	364	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1460	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	364	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	364	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1460	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	364	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	364	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B12 SA88675-01	127-17797-08010	Soil	09-Dec-08 08:20	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	364	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	364	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	364	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	364	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	364	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	364	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	364	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	364	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	364	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	364	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	364	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*50*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*49*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*42*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*49*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*53*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*3*	SGC	*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	21.4	1	SW846 8082	17-Dec-08	18-Dec-08	8121396	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.4	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.4	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.4	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.4	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*83*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*87*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	17-Dec-08	18-Dec-08	8121397	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*78*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B12 SA88675-01	127-17797-08010	Soil	09-Dec-08 08:20	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.7	1	+CT ETPH	16-Dec-08	18-Dec-08	8121322	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.7	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.7	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.7	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.7	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.7	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.7	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.7	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*112*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.45	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.45	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	27.2		mg/kg dry	0.966	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.483	1	"	"	"	"	X
7440-47-3	Chromium	7.61		mg/kg dry	0.966	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0327	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	3.46		mg/kg dry	1.45	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.45	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	90.1		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B13 SA88675-02	127-17797-08010	Soil	09-Dec-08 08:50	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.4 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.3	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
67-64-1	Acetone	BRL		µg/kg dry	53.4	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	53.4	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.7	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.7	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.7	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.7	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	53.4	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	53.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	53.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.3	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B13 SA88675-02	127-17797-08010	Soil	09-Dec-08 08:50	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.4 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.3	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
100-42-5	Styrene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.3	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	53.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	53.4	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	107	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	26.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2140	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*93*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*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	353	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	353	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	353	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	353	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	353	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	353	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	353	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	353	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	353	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	353	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	353	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	353	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	353	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	353	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B13 SA88675-02	127-17797-08010	Soil	09-Dec-08 08:50	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	353	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	353	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	353	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	353	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	353	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	353	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	353	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	353	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	353	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	353	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	353	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	353	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	353	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	353	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	353	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	353	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	353	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	353	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	353	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	353	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	353	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	353	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	353	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	353	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	353	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	353	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	353	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	353	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	353	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	353	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	353	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	353	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	353	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	353	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	353	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	353	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	353	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	353	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	353	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	353	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	353	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	353	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	353	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	353	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1410	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	353	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	353	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1410	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	353	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	353	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B13 SA88675-02	127-17797-08010	Soil	09-Dec-08 08:50	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	353	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	353	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	353	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	353	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	353	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	353	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	353	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	353	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	353	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	353	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	353	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*73*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*71*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*65*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*77*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*75*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*5*	SGC	*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	20.5	1	SW846 8082	17-Dec-08	18-Dec-08	8121396	X
11104-28-2	PCB 1221	BRL		µg/kg dry	20.5	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	20.5	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	20.5	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	20.5	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	20.5	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	20.5	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	20.5	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	20.5	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*83*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*88*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	17-Dec-08	18-Dec-08	8121397	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*84*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B13 SA88675-02	127-17797-08010	Soil	09-Dec-08 08:50	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.2	1	+CT ETPH	16-Dec-08	18-Dec-08	8121322	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.2	1	"	"	"	"	
	Unidentified	32.5		mg/kg dry	14.2	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	32.5		mg/kg dry	14.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	32.5		mg/kg dry	14.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*100*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.59	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	2.04		mg/kg dry	1.59	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	29.5		mg/kg dry	1.06	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.528	1	"	"	"	"	X
7440-47-3	Chromium	8.04		mg/kg dry	1.06	1	"	"	"	"	X
7439-97-6	Mercury	0.0656		mg/kg dry	0.0291	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	24.9		mg/kg dry	1.59	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.59	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	93.1		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B14 SA88675-03	127-17797-08010	Soil	09-Dec-08 09:15	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds						Initial weight: 4.46 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.4	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
67-64-1	Acetone	BRL		µg/kg dry	64.4	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.4	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	64.4	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	32.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.9	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.9	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.9	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	64.4	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	64.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	64.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.4	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B14 SA88675-03	127-17797-08010	Soil	09-Dec-08 09:15	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.46 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.4	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
100-42-5	Styrene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.4	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.4	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.9	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	64.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	64.4	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	129	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	32.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2580	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*96*		*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 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	348	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	348	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	348	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	348	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	348	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	348	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	348	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	348	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	348	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	348	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	348	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	348	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	348	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	348	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B14 SA88675-03	127-17797-08010	Soil	09-Dec-08 09:15	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	348	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	348	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	348	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	348	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	348	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	348	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	348	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	348	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	348	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	348	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	348	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	348	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	348	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	348	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	348	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	348	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	348	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	348	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	348	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	348	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	348	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	348	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	348	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	348	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	348	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	348	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	348	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	348	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	348	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	348	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	348	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	348	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	348	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	348	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	348	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	348	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	348	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	348	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	348	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	348	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	348	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	348	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	348	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	348	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1390	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	348	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	348	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1390	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	348	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	348	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B14 SA88675-03	127-17797-08010	Soil	09-Dec-08 09:15	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	348	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	348	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	348	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	348	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	348	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	348	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	348	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	348	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	348	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	348	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	348	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*44*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*39*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*36*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*41*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*44*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*2*	SGC	*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	20.3	1	SW846 8082	17-Dec-08	18-Dec-08	8121396	X
11104-28-2	PCB 1221	BRL		µg/kg dry	20.3	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	20.3	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	20.3	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	20.3	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	20.3	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	20.3	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	20.3	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	20.3	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*86*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*94*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	17-Dec-08	18-Dec-08	8121397	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*73*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B14 SA88675-03	127-17797-08010	Soil	09-Dec-08 09:15	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.0	1	+CT ETPH	16-Dec-08	18-Dec-08	8121322	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.0	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.0	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.0	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.0	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*101*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.53	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.53	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	30.5		mg/kg dry	1.02	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.511	1	"	"	"	"	X
7440-47-3	Chromium	8.40		mg/kg dry	1.02	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0294	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	10.6		mg/kg dry	1.53	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.53	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	92.7		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B15 SA88675-04	127-17797-08010	Soil	09-Dec-08 09:50	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.21 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.8	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
67-64-1	Acetone	BRL		µg/kg dry	57.9	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	57.9	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	57.9	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	57.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	57.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.8	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B15 SA88675-04	127-17797-08010	Soil	09-Dec-08 09:50	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.21 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.8	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
100-42-5	Styrene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	57.9	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	57.9	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	116	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2320	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*93*		*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	359	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	359	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	359	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	359	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	359	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	359	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	359	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	359	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	359	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	359	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	359	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	359	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	359	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	359	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B15 SA88675-04	127-17797-08010	Soil	09-Dec-08 09:50	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	359	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	359	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	359	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	359	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	359	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	359	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	359	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	359	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	359	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	359	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	359	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	359	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	359	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	359	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	359	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	359	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	359	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	359	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	359	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	359	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	359	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	359	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	359	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	359	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	359	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	359	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1440	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1440	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	359	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	359	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B15 SA88675-04	127-17797-08010	Soil	09-Dec-08 09:50	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	359	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	359	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	359	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	359	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	359	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*71*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*69*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*63*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*77*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*73*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*4*	SGC	*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	21.6	1	SW846 8082	17-Dec-08	18-Dec-08	8121396	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.6	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.6	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.6	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.6	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*84*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*92*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	17-Dec-08	18-Dec-08	8121397	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*97*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B15 SA88675-04	127-17797-08010	Soil	09-Dec-08 09:50	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.5	1	+CT ETPH	16-Dec-08	18-Dec-08	8121322	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*106*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.49	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	1.72		mg/kg dry	1.49	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	36.3		mg/kg dry	0.993	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.497	1	"	"	"	"	X
7440-47-3	Chromium	8.47		mg/kg dry	0.993	1	"	"	"	"	X
7439-97-6	Mercury	0.0420		mg/kg dry	0.0326	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	8.70		mg/kg dry	1.49	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.49	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	90.8		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B16 SA88675-05	127-17797-08010	Soil	09-Dec-08 10:20	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds						Initial weight: 4.87 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.8	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
67-64-1	Acetone	BRL		µg/kg dry	67.9	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	13.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	67.9	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	33.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	13.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.8	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	67.9	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	67.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	67.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.8	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B16 SA88675-05	127-17797-08010	Soil	09-Dec-08 10:20	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.87 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.8	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
100-42-5	Styrene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
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	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	67.9	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	67.9	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	136	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	33.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2720	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*93*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*96*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*104*		*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	377	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	377	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	377	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	377	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	377	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	377	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	377	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	377	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	377	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	377	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	377	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	377	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	377	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	377	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B16 SA88675-05	127-17797-08010	Soil	09-Dec-08 10:20	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	377	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	377	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	377	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	377	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	377	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	377	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	377	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	377	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	377	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	377	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	377	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	377	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	377	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	377	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	377	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	377	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	377	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	377	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	377	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	377	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	377	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	377	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	377	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	377	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	377	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	377	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	377	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	377	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	377	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	377	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	377	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	377	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	377	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	377	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	377	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	377	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	377	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	377	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	377	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	377	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	377	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	377	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	377	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	377	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1510	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	377	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	377	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1510	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	377	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	377	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B16	127-17797-08010	Soil	09-Dec-08 10:20	10-Dec-08
SA88675-05				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	377	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	377	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	377	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	377	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	377	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	377	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	377	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	377	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	377	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	377	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	377	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*44*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*43*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*37*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*42*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*46*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*2*	SGC	*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	22.2	1	SW846 8082	17-Dec-08	18-Dec-08	8121396	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.2	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.2	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.2	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.2	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.2	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.2	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.2	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.2	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	17-Dec-08	18-Dec-08	8121397	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*86*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B16 SA88675-05	127-17797-08010	Soil	09-Dec-08 10:20	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.2	1	+CT ETPH	16-Dec-08	18-Dec-08	8121322	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*116*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.57	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	2.24		mg/kg dry	1.57	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	41.0		mg/kg dry	1.05	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.523	1	"	"	"	"	X
7440-47-3	Chromium	11.9		mg/kg dry	1.05	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0318	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	9.72		mg/kg dry	1.57	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.57	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	86.0		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B17 SA88675-06	127-17797-08010	Soil	09-Dec-08 11:00	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.97 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.3	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
67-64-1	Acetone	BRL		µg/kg dry	62.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	62.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.4	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.3	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	62.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	62.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	62.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.3	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B17 SA88675-06	127-17797-08010	Soil	09-Dec-08 11:00	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.97 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.3	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
100-42-5	Styrene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.3	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	62.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	62.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	126	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	31.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2510	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*84*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*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	368	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	368	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	368	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	368	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	368	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	368	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	368	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	368	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	368	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	368	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	368	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	368	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	368	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	368	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B17 SA88675-06	127-17797-08010	Soil	09-Dec-08 11:00	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	368	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	368	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	368	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	368	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	368	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	368	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	368	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	368	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	368	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	368	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	368	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	368	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	368	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	368	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	368	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	368	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	368	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	368	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	368	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	368	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	368	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	368	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	368	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	368	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	368	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	368	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	368	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	368	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	368	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	368	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	368	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	368	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	368	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	368	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	368	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	368	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	368	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	368	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	368	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	368	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1470	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	368	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	368	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1470	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	368	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	368	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B17 SA88675-06	127-17797-08010	Soil	09-Dec-08 11:00	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	368	1	SW846 8270C	16-Dec-08	23-Dec-08	8121325	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	368	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	368	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	368	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	368	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	368	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	368	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	368	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	368	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*73*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*73*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*66*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*79*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*75*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*5*	SGC	*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	22.5	1	SW846 8082	17-Dec-08	18-Dec-08	8121396	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.5	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.5	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.5	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.5	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.5	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.5	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.5	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.5	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*83*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	17-Dec-08	18-Dec-08	8121397	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*81*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B17 SA88675-06	127-17797-08010	Soil	09-Dec-08 11:00	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.8	1	+CT ETPH	16-Dec-08	18-Dec-08	8121322	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.8	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.8	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.8	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.8	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.8	1	"	"	"	"	
	Unidentified	78.1		mg/kg dry	14.8	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.8	1	"	"	"	"	
	Total Petroleum Hydrocarbons	78.1		mg/kg dry	14.8	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	78.1		mg/kg dry	14.8	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*110*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.48	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	1.97		mg/kg dry	1.48	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	38.5		mg/kg dry	0.989	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.494	1	"	"	"	"	X
7440-47-3	Chromium	8.82		mg/kg dry	0.989	1	"	"	"	"	X
7439-97-6	Mercury	0.0459		mg/kg dry	0.0298	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	19.4		mg/kg dry	1.48	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.48	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	88.9		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B18 SA88675-07	127-17797-08010	Soil	09-Dec-08 11:40	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.73 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.1	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
67-64-1	Acetone	BRL		µg/kg dry	61.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.1	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	61.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	30.5	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	61.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	61.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	61.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.1	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B18 SA88675-07	127-17797-08010	Soil	09-Dec-08 11:40	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.73 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.1	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
100-42-5	Styrene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.1	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.1	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	61.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	61.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	122	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	30.5	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2440	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*90*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*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	352	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	352	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	352	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	352	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	352	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	352	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	352	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	352	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	352	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	352		µg/kg dry	352	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	352	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	352	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	352	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	352	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B18 SA88675-07	127-17797-08010	Soil	09-Dec-08 11:40	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	352	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	352	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	352	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	352	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	352	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	352	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	352	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	352	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	352	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	352	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	352	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	352	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	352	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	352	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	352	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	352	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	352	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	352	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	352	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	352	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	352	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	352	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	352	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	352	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	352	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	352	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	352	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	352	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	352	1	"	"	"	"	X
206-44-0	Fluoranthene	532		µg/kg dry	352	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	352	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	352	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	352	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	352	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	352	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	352	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	352	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	352	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	352	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	352	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	352	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	352	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	352	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	352	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1410	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	352	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	352	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1410	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	352	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	352	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B18 SA88675-07	127-17797-08010	Soil	09-Dec-08 11:40	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	352	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	352	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	352	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	352	1	"	"	"	"	X
129-00-0	Pyrene	426		µg/kg dry	352	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	352	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	352	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	352	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	352	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	352	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	352	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*61*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*54*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*65*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*60*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*4*	SGC	*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	20.8	1	SW846 8082	17-Dec-08	18-Dec-08	8121396	X
11104-28-2	PCB 1221	BRL		µg/kg dry	20.8	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	20.8	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	20.8	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	20.8	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	20.8	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	20.8	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	20.8	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	20.8	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*81*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	17-Dec-08	19-Dec-08	8121397	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B18 SA88675-07	127-17797-08010	Soil	09-Dec-08 11:40	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.2	1	+CT ETPH	16-Dec-08	18-Dec-08	8121322	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.2	1	"	"	"	"	
	Unidentified	82.4		mg/kg dry	14.2	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	82.4		mg/kg dry	14.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	82.4		mg/kg dry	14.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*93*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.44	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	4.90		mg/kg dry	1.44	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	36.5		mg/kg dry	0.958	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.479	1	"	"	"	"	X
7440-47-3	Chromium	10.7		mg/kg dry	0.958	1	"	"	"	"	X
7439-97-6	Mercury	0.106		mg/kg dry	0.0315	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	22.7		mg/kg dry	1.44	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.44	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	92.7		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B19 SA88675-08	127-17797-08010	Soil	09-Dec-08 13:00	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.67 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.8	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
67-64-1	Acetone	BRL		µg/kg dry	57.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	57.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	57.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	57.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	57.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.8	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B19 SA88675-08	127-17797-08010	Soil	09-Dec-08 13:00	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.67 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.8	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
100-42-5	Styrene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	57.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	57.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	116	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2310	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*85*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*107*		*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	377	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	377	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	377	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	377	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	377	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	377	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	377	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	377	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	377	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	377	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	377	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	377	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	377	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	377	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B19 SA88675-08	127-17797-08010	Soil	09-Dec-08 13:00	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	377	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	377	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	377	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	377	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	377	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	377	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	377	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	377	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	377	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	377	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	377	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	377	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	377	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	377	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	377	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	377	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	377	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	377	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	377	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	377	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	377	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	377	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	377	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	377	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	377	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	377	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	377	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	377	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	377	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	377	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	377	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	377	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	377	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	377	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	377	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	377	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	377	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	377	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	377	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	377	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	377	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	377	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	377	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	377	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1510	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	377	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	377	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1510	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	377	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	377	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B19 SA88675-08	127-17797-08010	Soil	09-Dec-08 13:00	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	377	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	377	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	377	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	377	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	377	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	377	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	377	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	377	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	377	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	377	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	377	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*38*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*36*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*31*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*41*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*38*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*2*	SGC	*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	22.8	1	SW846 8082	17-Dec-08	18-Dec-08	8121396	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.8	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.8	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.8	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.8	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*84*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*88*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	17-Dec-08	19-Dec-08	8121397	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B19 SA88675-08	127-17797-08010	Soil	09-Dec-08 13:00	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.2	1	+CT ETPH	16-Dec-08	18-Dec-08	8121322	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Unidentified	32.0		mg/kg dry	15.2	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	32.0		mg/kg dry	15.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	32.0		mg/kg dry	15.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*114*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.58	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	4.34		mg/kg dry	1.58	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	76.5		mg/kg dry	1.05	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.527	1	"	"	"	"	X
7440-47-3	Chromium	15.1		mg/kg dry	1.05	1	"	"	"	"	X
7439-97-6	Mercury	0.0880		mg/kg dry	0.0335	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	13.1		mg/kg dry	1.58	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.58	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	87.3		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B20 SA88675-09	127-17797-08010	Soil	09-Dec-08 13:30	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.63 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.2	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
67-64-1	Acetone	BRL		µg/kg dry	51.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	51.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	25.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.2	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.4	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	51.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	51.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	51.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.2	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B20 SA88675-09	127-17797-08010	Soil	09-Dec-08 13:30	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.63 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.2	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
100-42-5	Styrene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.2	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	51.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	51.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	104	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	25.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2070	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*90*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*94*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*104*		*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	355	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	355	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	355	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	355	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	355	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	355	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	355	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	355	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	355	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	355	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	355	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	355	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	355	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	355	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B20 SA88675-09	127-17797-08010	Soil	09-Dec-08 13:30	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	355	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	355	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	355	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	355	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	355	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	355	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	355	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	355	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	355	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	355	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	355	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	355	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	355	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	355	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	355	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	355	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	355	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	355	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	355	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	355	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	355	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	355	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	355	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	355	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	355	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	355	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	355	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	355	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	355	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	355	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	355	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1420	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1420	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	355	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	355	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B20 SA88675-09	127-17797-08010	Soil	09-Dec-08 13:30	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	355	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	355	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	355	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	355	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	355	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*56*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*59*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*50*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*59*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*58*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*3*	SGC	*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	21.4	1	SW846 8082	17-Dec-08	18-Dec-08	8121396	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.4	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.4	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.4	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.4	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*87*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	17-Dec-08	19-Dec-08	8121397	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*127*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B20 SA88675-09	127-17797-08010	Soil	09-Dec-08 13:30	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.3	1	+CT ETPH	16-Dec-08	18-Dec-08	8121322	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.3	1	"	"	"	"	
	Unidentified	47.3		mg/kg dry	14.3	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	47.3		mg/kg dry	14.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	47.3		mg/kg dry	14.3	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*89*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.52	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	21.9		mg/kg dry	1.52	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	43.2		mg/kg dry	1.01	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.506	1	"	"	"	"	X
7440-47-3	Chromium	7.33		mg/kg dry	1.01	1	"	"	"	"	X
7439-97-6	Mercury	26.0		mg/kg dry	0.626	20	SW846 7471A	17-Dec-08	19-Dec-08	8121032	X
7439-92-1	Lead	55.0		mg/kg dry	1.52	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.52	1	"	"	22-Dec-08	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed	O09	N/A		1	SW846 1311	03-Feb-09	03-Feb-09	9020220	X
7439-97-6	Mercury	0.00064		mg/l	0.00020	1	SW846 1311/7470A	05-Feb-09	06-Feb-09	9020247	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	02-Jan-09	02-Jan-09	9010069	
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	SW846 1312/6010B	05-Jan-09	05-Jan-09	9010116	
7439-97-6	Mercury	0.00138		mg/l	0.00020	1	SW846 1312/7470A	"	05-Jan-09	9010118	
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	05-Jan-09	9010116	
General Chemistry Parameters											
	% Solids	92.8		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B21 SA88675-10	127-17797-08010	Soil	09-Dec-08 14:00	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.61 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.4	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
67-64-1	Acetone	BRL		µg/kg dry	54.3	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.4	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	54.3	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.1	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.9	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	54.3	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	54.3	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	54.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.4	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B21 SA88675-10	127-17797-08010	Soil	09-Dec-08 14:00	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.61 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.4	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
100-42-5	Styrene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.4	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.4	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.9	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	54.3	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	54.3	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	109	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	27.1	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2170	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*84*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*107*		*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	362	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	362	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	362	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	362	1	"	"	"	"	X
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	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	362	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	369		µg/kg dry	362	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	558		µg/kg dry	362	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	362	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	468		µg/kg dry	362	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	362	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	362	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B21 SA88675-10	127-17797-08010	Soil	09-Dec-08 14:00	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	362	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	362	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	362	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	362	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	362	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	362	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	362	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	362	1	"	"	"	"	X
218-01-9	Chrysene	470		µg/kg dry	362	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	362	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	362	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	362	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	362	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	362	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
206-44-0	Fluoranthene	581		µg/kg dry	362	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	362	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	362	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	362	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	362	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	362	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	362	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	362	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	362	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	362	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	362	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	362	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1450	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1450	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	362	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	362	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B21 SA88675-10	127-17797-08010	Soil	09-Dec-08 14:00	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	362	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	362	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	362	1	"	"	"	"	X
129-00-0	Pyrene	583		µg/kg dry	362	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	362	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*53*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*52*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*47*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*57*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*55*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*3*	SGC	*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	21.7	1	SW846 8082	17-Dec-08	18-Dec-08	8121396	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.7	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.7	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.7	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.7	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*84*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	18-Dec-08	19-Dec-08	8121500	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B21 SA88675-10	127-17797-08010	Soil	09-Dec-08 14:00	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.6	1	+CT ETPH	16-Dec-08	18-Dec-08	8121322	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Unidentified	45.6		mg/kg dry	14.6	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	45.6		mg/kg dry	14.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	45.6		mg/kg dry	14.6	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*80*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.48	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	11.4		mg/kg dry	1.48	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	56.8		mg/kg dry	0.984	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.492	1	"	"	"	"	X
7440-47-3	Chromium	13.7		mg/kg dry	0.984	1	"	"	"	"	X
7439-97-6	Mercury	0.180		mg/kg dry	0.0299	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	19.5		mg/kg dry	1.48	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.48	1	"	"	22-Dec-08	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	02-Jan-09	02-Jan-09	9010069	
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	SW846 1312/6010B	05-Jan-09	05-Jan-09	9010116	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	"	"	"	"	
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	90.7		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121006	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121092 - SW846 5035A Soil (low level)										
Blank (8121092-BLK1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
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 8121092 - SW846 5035A Soil (low level)										
Blank (8121092-BLK1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
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						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	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						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*45.9*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: Toluene-d8	*48.7*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*59.4*		µg/kg wet		*50.0*		*119*	*70-130*		
Surrogate: Dibromofluoromethane	*54.2*		µg/kg wet		*50.0*		*108*	*70-130*		
LCS (8121092-BS1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.8		µg/kg wet		20.0		94	70-130		
Acetone	10.5		µg/kg wet		20.0		53	0-168		
Acrylonitrile	17.7		µg/kg wet		20.0		88	70-130		
Benzene	20.2		µg/kg wet		20.0		101	70-130		
Bromobenzene	17.9		µg/kg wet		20.0		90	70-130		
Bromochloromethane	16.4		µg/kg wet		20.0		82	70-130		
Bromodichloromethane	19.2		µg/kg wet		20.0		96	70-130		
Bromoform	18.6		µg/kg wet		20.0		93	70-130		
Bromomethane	15.8		µg/kg wet		20.0		79	40.9-138		
2-Butanone (MEK)	10.5		µg/kg wet		20.0		53	29.8-145		
n-Butylbenzene	20.0		µg/kg wet		20.0		100	70-130		
sec-Butylbenzene	18.5		µg/kg wet		20.0		92	70-130		
tert-Butylbenzene	17.6		µg/kg wet		20.0		88	70-130		
Carbon disulfide	19.9		µg/kg wet		20.0		99	70-130		
Carbon tetrachloride	21.0		µg/kg wet		20.0		105	70-130		
Chlorobenzene	20.0		µg/kg wet		20.0		100	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121092 - SW846 5035A Soil (low level)										
LCS (8121092-BS1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
Chloroethane	16.9		µg/kg wet		20.0		84	47.5-130		
Chloroform	18.1		µg/kg wet		20.0		91	70-130		
Chloromethane	14.4		µg/kg wet		20.0		72	70-130		
2-Chlorotoluene	19.5		µg/kg wet		20.0		98	70-130		
4-Chlorotoluene	18.1		µg/kg wet		20.0		91	70-130		
1,2-Dibromo-3-chloropropane	18.1		µg/kg wet		20.0		90	70-130		
Dibromochloromethane	18.3		µg/kg wet		20.0		91	66.2-130		
1,2-Dibromoethane (EDB)	17.5		µg/kg wet		20.0		88	70-130		
Dibromomethane	17.8		µg/kg wet		20.0		89	70-130		
1,2-Dichlorobenzene	18.7		µg/kg wet		20.0		93	70-130		
1,3-Dichlorobenzene	16.8		µg/kg wet		20.0		84	70-130		
1,4-Dichlorobenzene	18.9		µg/kg wet		20.0		95	70-130		
Dichlorodifluoromethane (Freon12)	14.1		µg/kg wet		20.0		71	32-158		
1,1-Dichloroethane	19.4		µg/kg wet		20.0		97	70-130		
1,2-Dichloroethane	18.9		µg/kg wet		20.0		94	70-130		
1,1-Dichloroethene	19.3		µg/kg wet		20.0		96	70-130		
cis-1,2-Dichloroethene	18.9		µg/kg wet		20.0		95	70-130		
trans-1,2-Dichloroethene	20.7		µg/kg wet		20.0		104	70-130		
1,2-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130		
1,3-Dichloropropane	17.6		µg/kg wet		20.0		88	70-130		
2,2-Dichloropropane	15.8		µg/kg wet		20.0		79	70-130		
1,1-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130		
cis-1,3-Dichloropropene	17.6		µg/kg wet		20.0		88	70-130		
trans-1,3-Dichloropropene	16.8		µg/kg wet		20.0		84	70-130		
Ethylbenzene	20.3		µg/kg wet		20.0		101	70-130		
Hexachlorobutadiene	17.9		µg/kg wet		20.0		89	53.6-138		
2-Hexanone (MBK)	16.8		µg/kg wet		20.0		84	70-130		
Isopropylbenzene	20.2		µg/kg wet		20.0		101	70-130		
4-Isopropyltoluene	19.5		µg/kg wet		20.0		98	70-130		
Methyl tert-butyl ether	19.7		µg/kg wet		20.0		98	70-130		
4-Methyl-2-pentanone (MIBK)	17.2		µg/kg wet		20.0		86	53.5-137		
Methylene chloride	16.8		µg/kg wet		20.0		84	70-130		
Naphthalene	16.3		µg/kg wet		20.0		82	70-130		
n-Propylbenzene	19.2		µg/kg wet		20.0		96	70-130		
Styrene	18.3		µg/kg wet		20.0		91	70-130		
1,1,1,2-Tetrachloroethane	19.7		µg/kg wet		20.0		98	70-130		
1,1,2,2-Tetrachloroethane	18.4		µg/kg wet		20.0		92	70-130		
Tetrachloroethene	18.2		µg/kg wet		20.0		91	70-130		
Toluene	17.4		µg/kg wet		20.0		87	70-130		
1,2,3-Trichlorobenzene	17.1		µg/kg wet		20.0		86	70-130		
1,2,4-Trichlorobenzene	16.8		µg/kg wet		20.0		84	70-130		
1,3,5-Trichlorobenzene	19.0		µg/kg wet		20.0		95	70-130		
1,1,1-Trichloroethane	19.8		µg/kg wet		20.0		99	70-130		
1,1,2-Trichloroethane	18.0		µg/kg wet		20.0		90	70-130		
Trichloroethene	19.1		µg/kg wet		20.0		96	70-130		
Trichlorofluoromethane (Freon 11)	18.5		µg/kg wet		20.0		93	50.9-138		
1,2,3-Trichloropropane	16.6		µg/kg wet		20.0		83	70-130		
1,2,4-Trimethylbenzene	18.1		µg/kg wet		20.0		91	70-130		
1,3,5-Trimethylbenzene	18.7		µg/kg wet		20.0		93	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121092 - SW846 5035A Soil (low level)										
LCS (8121092-BS1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
Vinyl chloride	16.0		µg/kg wet		20.0		80	70-130		
m,p-Xylene	39.8		µg/kg wet		40.0		99	70-130		
o-Xylene	18.8		µg/kg wet		20.0		94	70-130		
Tetrahydrofuran	17.3		µg/kg wet		20.0		86	70-130		
Ethyl ether	21.2		µg/kg wet		20.0		106	61.4-130		
Tert-amyl methyl ether	19.6		µg/kg wet		20.0		98	70-130		
Ethyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130		
Di-isopropyl ether	21.3		µg/kg wet		20.0		107	70-130		
Tert-Butanol / butyl alcohol	154		µg/kg wet		200		77	70-130		
1,4-Dioxane	168		µg/kg wet		200		84	48.3-142		
trans-1,4-Dichloro-2-butene	15.4		µg/kg wet		20.0		77	70-130		
Ethanol	306		µg/kg wet		400		77	70-130		
Surrogate: 4-Bromofluorobenzene	*47.4*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*48.3*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.6*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*49.3*		µg/kg wet		*50.0*		*99*	*70-130*		
LCS Dup (8121092-BSD1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.0		µg/kg wet		20.0		90	70-130	4	25
Acetone	11.3		µg/kg wet		20.0		56	0-168	7	50
Acrylonitrile	18.0		µg/kg wet		20.0		90	70-130	2	25
Benzene	20.5		µg/kg wet		20.0		102	70-130	2	25
Bromobenzene	18.6		µg/kg wet		20.0		93	70-130	4	25
Bromochloromethane	16.5		µg/kg wet		20.0		83	70-130	1	25
Bromodichloromethane	19.9		µg/kg wet		20.0		99	70-130	4	25
Bromoform	17.8		µg/kg wet		20.0		89	70-130	4	25
Bromomethane	17.5		µg/kg wet		20.0		88	40.9-138	10	50
2-Butanone (MEK)	15.6		µg/kg wet		20.0		78	29.8-145	39	50
n-Butylbenzene	19.4		µg/kg wet		20.0		97	70-130	3	25
sec-Butylbenzene	18.9		µg/kg wet		20.0		94	70-130	2	25
tert-Butylbenzene	18.8		µg/kg wet		20.0		94	70-130	6	25
Carbon disulfide	19.9		µg/kg wet		20.0		100	70-130	0.3	25
Carbon tetrachloride	20.3		µg/kg wet		20.0		102	70-130	3	25
Chlorobenzene	19.9		µg/kg wet		20.0		100	70-130	0.2	25
Chloroethane	17.8		µg/kg wet		20.0		89	47.5-130	5	50
Chloroform	18.6		µg/kg wet		20.0		93	70-130	3	25
Chloromethane	15.2		µg/kg wet		20.0		76	70-130	5	25
2-Chlorotoluene	19.7		µg/kg wet		20.0		99	70-130	1	25
4-Chlorotoluene	18.4		µg/kg wet		20.0		92	70-130	2	25
1,2-Dibromo-3-chloropropane	17.2		µg/kg wet		20.0		86	70-130	5	25
Dibromochloromethane	17.7		µg/kg wet		20.0		88	66.2-130	3	50
1,2-Dibromoethane (EDB)	17.8		µg/kg wet		20.0		89	70-130	2	25
Dibromomethane	18.7		µg/kg wet		20.0		93	70-130	5	25
1,2-Dichlorobenzene	18.7		µg/kg wet		20.0		93	70-130	0.2	25
1,3-Dichlorobenzene	17.1		µg/kg wet		20.0		86	70-130	2	25
1,4-Dichlorobenzene	18.7		µg/kg wet		20.0		94	70-130	1	25
Dichlorodifluoromethane (Freon12)	14.7		µg/kg wet		20.0		73	32-158	4	50
1,1-Dichloroethane	18.8		µg/kg wet		20.0		94	70-130	3	25
1,2-Dichloroethane	18.4		µg/kg wet		20.0		92	70-130	3	25
1,1-Dichloroethene	19.7		µg/kg wet		20.0		98	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 8121092 - SW846 5035A Soil (low level)										
LCS Dup (8121092-BSD1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
cis-1,2-Dichloroethene	18.5		µg/kg wet		20.0		92	70-130	3	25
trans-1,2-Dichloroethene	20.3		µg/kg wet		20.0		101	70-130	2	25
1,2-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130	2	25
1,3-Dichloropropane	17.3		µg/kg wet		20.0		87	70-130	2	25
2,2-Dichloropropane	15.6		µg/kg wet		20.0		78	70-130	1	25
1,1-Dichloropropene	19.5		µg/kg wet		20.0		97	70-130	5	25
cis-1,3-Dichloropropene	16.6		µg/kg wet		20.0		83	70-130	6	25
trans-1,3-Dichloropropene	16.8		µg/kg wet		20.0		84	70-130	0.2	25
Ethylbenzene	20.3		µg/kg wet		20.0		101	70-130	0	25
Hexachlorobutadiene	17.4		µg/kg wet		20.0		87	53.6-138	3	50
2-Hexanone (MBK)	17.4		µg/kg wet		20.0		87	70-130	3	25
Isopropylbenzene	20.6		µg/kg wet		20.0		103	70-130	2	25
4-Isopropyltoluene	18.9		µg/kg wet		20.0		95	70-130	3	25
Methyl tert-butyl ether	18.6		µg/kg wet		20.0		93	70-130	6	25
4-Methyl-2-pentanone (MIBK)	18.7		µg/kg wet		20.0		94	53.5-137	8	50
Methylene chloride	18.6		µg/kg wet		20.0		93	70-130	10	25
Naphthalene	16.0		µg/kg wet		20.0		80	70-130	2	25
n-Propylbenzene	19.6		µg/kg wet		20.0		98	70-130	2	25
Styrene	18.8		µg/kg wet		20.0		94	70-130	3	25
1,1,1,2-Tetrachloroethane	18.7		µg/kg wet		20.0		94	70-130	5	25
1,1,2,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95	70-130	3	25
Tetrachloroethene	18.0		µg/kg wet		20.0		90	70-130	2	25
Toluene	17.8		µg/kg wet		20.0		89	70-130	2	25
1,2,3-Trichlorobenzene	16.3		µg/kg wet		20.0		81	70-130	5	25
1,2,4-Trichlorobenzene	16.2		µg/kg wet		20.0		81	70-130	3	25
1,3,5-Trichlorobenzene	17.3		µg/kg wet		20.0		86	70-130	10	25
1,1,1-Trichloroethane	19.2		µg/kg wet		20.0		96	70-130	3	25
1,1,2-Trichloroethane	18.1		µg/kg wet		20.0		90	70-130	0.6	25
Trichloroethene	18.8		µg/kg wet		20.0		94	70-130	2	25
Trichlorofluoromethane (Freon 11)	19.6		µg/kg wet		20.0		98	50.9-138	5	50
1,2,3-Trichloropropane	16.6		µg/kg wet		20.0		83	70-130	0.2	25
1,2,4-Trimethylbenzene	18.3		µg/kg wet		20.0		92	70-130	1	25
1,3,5-Trimethylbenzene	18.9		µg/kg wet		20.0		95	70-130	1	25
Vinyl chloride	16.6		µg/kg wet		20.0		83	70-130	4	25
m,p-Xylene	39.9		µg/kg wet		40.0		100	70-130	0.3	25
o-Xylene	19.2		µg/kg wet		20.0		96	70-130	2	25
Tetrahydrofuran	18.2		µg/kg wet		20.0		91	70-130	5	25
Ethyl ether	19.3		µg/kg wet		20.0		97	61.4-130	9	50
Tert-amyl methyl ether	16.8		µg/kg wet		20.0		84	70-130	15	25
Ethyl tert-butyl ether	18.6		µg/kg wet		20.0		93	70-130	3	25
Di-isopropyl ether	20.6		µg/kg wet		20.0		103	70-130	3	25
Tert-Butanol / butyl alcohol	161		µg/kg wet		200		81	70-130	4	25
1,4-Dioxane	180		µg/kg wet		200		90	48.3-142	6	25
trans-1,4-Dichloro-2-butene	14.1		µg/kg wet		20.0		70	70-130	9	25
Ethanol	362		µg/kg wet		400		90	70-130	17	30
Surrogate: 4-Bromofluorobenzene	*48.1*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*49.0*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.6*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: Dibromofluoromethane	*50.0*		µg/kg wet		*50.0*		*100*	*70-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121325 - SW846 3550B										
Blank (8121325-BLK1)										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121325 - SW846 3550B										
Blank (8121325-BLK1)										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
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	*1210*		µg/kg wet		*3330*		*36*	*30-130*		
Surrogate: 2-Fluorophenol	*1180*		µg/kg wet		*3330*		*35*	*15-110*		
Surrogate: Nitrobenzene-d5	*1070*		µg/kg wet		*3330*		*32*	*30-130*		
Surrogate: Phenol-d5	*1270*		µg/kg wet		*3330*		*38*	*15-110*		
Surrogate: Terphenyl-d14	*1250*		µg/kg wet		*3330*		*37*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*67.3*	SGC	µg/kg wet		*3330*		*2*	*15-110*		
LCS (8121325-BS1)										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
Acenaphthene	2210		µg/kg wet	330	3330		66	40-130		
Acenaphthylene	2230		µg/kg wet	330	3330		67	40-130		
Aniline	798	QC2	µg/kg wet	330	3330		24	40-130		
Anthracene	2410		µg/kg wet	330	3330		72	40-130		
Atrazine	1900		µg/kg wet	330	3330		57	40-130		
Azobenzene/Diphenyldiazine	2390		µg/kg wet	330	3330		72	40-130		
Benzidine	BRL		µg/kg wet	330	3330			0-130		
Benzo (a) anthracene	2370		µg/kg wet	330	3330		71	40-130		
Benzo (a) pyrene	2230		µg/kg wet	330	3330		67	40-130		
Benzo (b) fluoranthene	2190		µg/kg wet	330	3330		66	40-130		
Benzo (g,h,i) perylene	2120		µg/kg wet	330	3330		64	40-130		
Benzo (k) fluoranthene	2430		µg/kg wet	330	3330		73	40-130		
Benzoic acid	1610		µg/kg wet	330	3330		48	3.25-130		
Benzyl alcohol	2110		µg/kg wet	330	3330		63	40-130		
Bis(2-chloroethoxy)methane	2740		µg/kg wet	330	3330		82	40-130		
Bis(2-chloroethyl)ether	2910		µg/kg wet	330	3330		87	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 8121325 - SW846 3550B										
LCS (8121325-BS1)										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
Bis(2-chloroisopropyl)ether	2610		µg/kg wet	330	3330		78	40-130		
Bis(2-ethylhexyl)phthalate	2810		µg/kg wet	330	3330		84	40-130		
4-Bromophenyl phenyl ether	2570		µg/kg wet	330	3330		77	40-130		
Butyl benzyl phthalate	2750		µg/kg wet	330	3330		83	40-130		
Carbazole	2560		µg/kg wet	330	3330		77	40-130		
4-Chloro-3-methylphenol	2480		µg/kg wet	330	3330		74	40-130		
4-Chloroaniline	1640		µg/kg wet	330	3330		49	40-130		
2-Chloronaphthalene	2090		µg/kg wet	330	3330		63	40-130		
2-Chlorophenol	2120		µg/kg wet	330	3330		64	40-130		
4-Chlorophenyl phenyl ether	2510		µg/kg wet	330	3330		75	40-130		
Chrysene	2420		µg/kg wet	330	3330		73	40-130		
Dibenzo (a,h) anthracene	2220		µg/kg wet	330	3330		67	40-130		
Dibenzofuran	2120		µg/kg wet	330	3330		64	40-130		
1,2-Dichlorobenzene	2140		µg/kg wet	330	3330		64	40-130		
1,3-Dichlorobenzene	2400		µg/kg wet	330	3330		72	40-130		
1,4-Dichlorobenzene	1630		µg/kg wet	330	3330		49	40-130		
3,3'-Dichlorobenzidine	2200		µg/kg wet	330	3330		66	40-130		
2,4-Dichlorophenol	2300		µg/kg wet	330	3330		69	40-130		
Diethyl phthalate	2540		µg/kg wet	330	3330		76	40-130		
Dimethyl phthalate	2520		µg/kg wet	330	3330		76	40-130		
2,4-Dimethylphenol	1960		µg/kg wet	330	3330		59	40-130		
Di-n-butyl phthalate	2700		µg/kg wet	330	3330		81	40-130		
4,6-Dinitro-2-methylphenol	2380		µg/kg wet	330	3330		72	40-130		
2,4-Dinitrophenol	2370		µg/kg wet	330	3330		71	40-130		
2,4-Dinitrotoluene	2440		µg/kg wet	330	3330		73	40-130		
2,6-Dinitrotoluene	2370		µg/kg wet	330	3330		71	40-130		
Di-n-octyl phthalate	2730		µg/kg wet	330	3330		82	40-130		
Fluoranthene	2390		µg/kg wet	330	3330		72	40-130		
Fluorene	2320		µg/kg wet	330	3330		70	40-130		
Hexachlorobenzene	156	QC2	µg/kg wet	330	3330		5	40-130		
Hexachlorobutadiene	2050		µg/kg wet	330	3330		61	40-130		
Hexachlorocyclopentadiene	1520		µg/kg wet	330	3330		46	40-130		
Hexachloroethane	2080		µg/kg wet	330	3330		62	40-130		
Indeno (1,2,3-cd) pyrene	2070		µg/kg wet	330	3330		62	40-130		
Isophorone	2400		µg/kg wet	330	3330		72	40-130		
1-Methylnaphthalene	2310		µg/kg wet	330	3330		69	40-140		
2-Methylnaphthalene	2620		µg/kg wet	330	3330		79	40-130		
2-Methylphenol	2200		µg/kg wet	330	3330		66	40-130		
3 & 4-Methylphenol	2300		µg/kg wet	330	3330		69	40-130		
Naphthalene	2220		µg/kg wet	330	3330		67	40-130		
2-Nitroaniline	2480		µg/kg wet	330	3330		74	40-130		
3-Nitroaniline	2070		µg/kg wet	330	3330		62	40-130		
4-Nitroaniline	2450		µg/kg wet	1320	3330		74	40-130		
Nitrobenzene	2690		µg/kg wet	330	3330		81	40-130		
2-Nitrophenol	2280		µg/kg wet	330	3330		68	40-130		
4-Nitrophenol	2500		µg/kg wet	1320	3330		75	40-130		
N-Nitrosodimethylamine	3150		µg/kg wet	330	3330		95	40-130		
N-Nitrosodi-n-propylamine	2500		µg/kg wet	330	3330		75	40-130		
N-Nitrosodiphenylamine	2730		µg/kg wet	330	3330		82	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 8121325 - SW846 3550B										
LCS (8121325-BS1)										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
Pentachlorophenol	2200		µg/kg wet	330	3330		66	40-130		
Phenanthrene	2240		µg/kg wet	330	3330		67	40-130		
Phenol	2100		µg/kg wet	330	3330		63	40-130		
Pyrene	2280		µg/kg wet	330	3330		68	40-130		
Pyridine	489		µg/kg wet	330	3330		15	0-130		
1,2,4-Trichlorobenzene	2040		µg/kg wet	330	3330		61	40-130		
2,4,5-Trichlorophenol	2190		µg/kg wet	330	3330		66	40-130		
2,4,6-Trichlorophenol	2120		µg/kg wet	330	3330		64	40-130		
Pentachloronitrobenzene	2300		µg/kg wet	330	3330		69	40-140		
1,2,4,5-Tetrachlorobenzene	1980		µg/kg wet	330	3330		59	40-140		
Surrogate: 2-Fluorobiphenyl	*2100*		µg/kg wet		*3330*		*63*	*30-130*		
Surrogate: 2-Fluorophenol	*1980*		µg/kg wet		*3330*		*59*	*15-110*		
Surrogate: Nitrobenzene-d5	*2240*		µg/kg wet		*3330*		*67*	*30-130*		
Surrogate: Phenol-d5	*2300*		µg/kg wet		*3330*		*69*	*15-110*		
Surrogate: Terphenyl-d14	*2150*		µg/kg wet		*3330*		*64*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*186*	SGC	µg/kg wet		*3330*		*6*	*15-110*		
Duplicate (8121325-DUP1) **Source: SA88675-05**										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
Acenaphthene	BRL		µg/kg dry	382		BRL				50
Acenaphthylene	BRL		µg/kg dry	382		BRL				50
Aniline	BRL		µg/kg dry	382		BRL				50
Anthracene	BRL		µg/kg dry	382		BRL				50
Atrazine	BRL		µg/kg dry	382		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	382		BRL				50
Benzidine	BRL		µg/kg dry	382		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	382		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	382		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	382		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	382		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	382		BRL				50
Benzoic acid	BRL		µg/kg dry	382		BRL				50
Benzyl alcohol	BRL		µg/kg dry	382		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	382		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	382		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	382		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	382		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	382		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	382		BRL				50
Carbazole	BRL		µg/kg dry	382		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	382		BRL				50
4-Chloroaniline	BRL		µg/kg dry	382		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	382		BRL				50
2-Chlorophenol	BRL		µg/kg dry	382		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	382		BRL				50
Chrysene	BRL		µg/kg dry	382		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	382		BRL				50
Dibenzofuran	BRL		µg/kg dry	382		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	382		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	382		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	382		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121325 - SW846 3550B										
Duplicate (8121325-DUP1) **Source: SA88675-05**										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
3,3'-Dichlorobenzidine	BRL		µg/kg dry	382		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	382		BRL				50
Diethyl phthalate	BRL		µg/kg dry	382		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	382		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	382		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	382		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	382		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	382		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	382		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	382		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	382		BRL				50
Fluoranthene	BRL		µg/kg dry	382		BRL				50
Fluorene	BRL		µg/kg dry	382		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	382		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	382		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	382		BRL				50
Hexachloroethane	BRL		µg/kg dry	382		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	382		BRL				50
Isophorone	BRL		µg/kg dry	382		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	382		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	382		BRL				50
2-Methylphenol	BRL		µg/kg dry	382		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	382		BRL				50
Naphthalene	BRL		µg/kg dry	382		BRL				50
2-Nitroaniline	BRL		µg/kg dry	382		BRL				50
3-Nitroaniline	BRL		µg/kg dry	382		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1530		BRL				50
Nitrobenzene	BRL		µg/kg dry	382		BRL				50
2-Nitrophenol	BRL		µg/kg dry	382		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1530		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	382		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	382		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	382		BRL				50
Pentachlorophenol	BRL		µg/kg dry	382		BRL				50
Phenanthrene	BRL		µg/kg dry	382		BRL				50
Phenol	BRL		µg/kg dry	382		BRL				50
Pyrene	BRL		µg/kg dry	382		BRL				50
Pyridine	BRL		µg/kg dry	382		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	382		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	382		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	382		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	382		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	382		BRL				50
Surrogate: 2-Fluorobiphenyl	*1340*		µg/kg dry		*1930*		*70*	*30-130*		
Surrogate: 2-Fluorophenol	*1320*		µg/kg dry		*1930*		*68*	*15-110*		
Surrogate: Nitrobenzene-d5	*1170*		µg/kg dry		*1930*		*60*	*30-130*		
Surrogate: Phenol-d5	*1330*		µg/kg dry		*1930*		*69*	*15-110*		
Surrogate: Terphenyl-d14	*1420*		µg/kg dry		*1930*		*74*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*80.2*	SGC	µg/kg dry		*1930*		*4*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121325 - SW846 3550B										
Matrix Spike (8121325-MS1) **Source: SA88675-05**										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
Acenaphthene	1270		µg/kg dry	191	1930	BRL	66	40-140		
Benzo (b) fluoranthene	1040		µg/kg dry	191	1930	BRL	54	40-140		
Benzo (k) fluoranthene	1680		µg/kg dry	191	1930	BRL	87	40-140		
4-Chloro-3-methylphenol	1340		µg/kg dry	191	1930	BRL	70	30-130		
2-Chlorophenol	1210		µg/kg dry	191	1930	BRL	63	30-130		
Chrysene	1390		µg/kg dry	191	1930	BRL	72	40-140		
1,4-Dichlorobenzene	1260		µg/kg dry	191	1930	BRL	65	40-140		
Indeno (1,2,3-cd) pyrene	1220		µg/kg dry	191	1930	BRL	63	40-140		
Naphthalene	1280		µg/kg dry	191	1930	BRL	67	40-140		
4-Nitrophenol	1370		µg/kg dry	764	1930	BRL	71	30-130		
N-Nitrosodi-n-propylamine	1410		µg/kg dry	191	1930	BRL	73	40-140		
Pentachlorophenol	1260		µg/kg dry	191	1930	BRL	65	30-130		
Phenol	1210		µg/kg dry	191	1930	BRL	63	30-130		
Pyrene	1410		µg/kg dry	191	1930	BRL	73	40-140		
1,2,4-Trichlorobenzene	1180		µg/kg dry	191	1930	BRL	61	40-140		
Surrogate: 2-Fluorobiphenyl	*1170*		µg/kg dry		*1930*		*61*	*30-130*		
Surrogate: 2-Fluorophenol	*1100*		µg/kg dry		*1930*		*57*	*15-110*		
Surrogate: Nitrobenzene-d5	*1230*		µg/kg dry		*1930*		*64*	*30-130*		
Surrogate: Phenol-d5	*1270*		µg/kg dry		*1930*		*66*	*15-110*		
Surrogate: Terphenyl-dl4	*1240*		µg/kg dry		*1930*		*64*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*103*	SGC	µg/kg dry		*1930*		*5*	*15-110*		
Matrix Spike Dup (8121325-MSD1) **Source: SA88675-05**										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
Acenaphthene	1190		µg/kg dry	188	1900	BRL	63	40-140	5	30
Benzo (b) fluoranthene	973		µg/kg dry	188	1900	BRL	51	40-140	5	30
Benzo (k) fluoranthene	1540		µg/kg dry	188	1900	BRL	81	40-140	7	30
4-Chloro-3-methylphenol	1260		µg/kg dry	188	1900	BRL	66	30-130	5	30
2-Chlorophenol	1140		µg/kg dry	188	1900	BRL	60	30-130	4	30
Chrysene	1280		µg/kg dry	188	1900	BRL	68	40-140	6	30
1,4-Dichlorobenzene	1200		µg/kg dry	188	1900	BRL	64	40-140	3	30
Indeno (1,2,3-cd) pyrene	1110		µg/kg dry	188	1900	BRL	59	40-140	7	30
Naphthalene	1210		µg/kg dry	188	1900	BRL	64	40-140	4	30
4-Nitrophenol	1250		µg/kg dry	751	1900	BRL	66	30-130	7	30
N-Nitrosodi-n-propylamine	1330		µg/kg dry	188	1900	BRL	70	40-140	4	30
Pentachlorophenol	1070		µg/kg dry	188	1900	BRL	57	30-130	14	30
Phenol	1150		µg/kg dry	188	1900	BRL	61	30-130	3	30
Pyrene	1290		µg/kg dry	188	1900	BRL	68	40-140	7	30
1,2,4-Trichlorobenzene	1110		µg/kg dry	188	1900	BRL	58	40-140	4	30
Surrogate: 2-Fluorobiphenyl	*1130*		µg/kg dry		*1900*		*60*	*30-130*		
Surrogate: 2-Fluorophenol	*1080*		µg/kg dry		*1900*		*57*	*15-110*		
Surrogate: Nitrobenzene-d5	*1200*		µg/kg dry		*1900*		*63*	*30-130*		
Surrogate: Phenol-d5	*1230*		µg/kg dry		*1900*		*65*	*15-110*		
Surrogate: Terphenyl-dl4	*1150*		µg/kg dry		*1900*		*61*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*95.1*	SGC	µg/kg dry		*1900*		*5*	*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 8121396 - SW846 3545A										
Blank (8121396-BLK1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
PCB 1016	BRL		µg/kg wet	20.0						
PCB 1221	BRL		µg/kg wet	20.0						
PCB 1232	BRL		µg/kg wet	20.0						
PCB 1242	BRL		µg/kg wet	20.0						
PCB 1248	BRL		µg/kg wet	20.0						
PCB 1254	BRL		µg/kg wet	20.0						
PCB 1260	BRL		µg/kg wet	20.0						
PCB 1262	BRL		µg/kg wet	20.0						
PCB 1268	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.7*		µg/kg wet		*20.0*		*74*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.3*		µg/kg wet		*20.0*		*82*	*30-150*		
LCS (8121396-BS1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
PCB 1016	222		µg/kg wet	20.0	250		89	40-140		
PCB 1260	216		µg/kg wet	20.0	250		86	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.7*		µg/kg wet		*20.0*		*74*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.6*		µg/kg wet		*20.0*		*83*	*30-150*		
LCS Dup (8121396-BSD1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
PCB 1016	214		µg/kg wet	20.0	250		86	40-140	4	30
PCB 1260	220		µg/kg wet	20.0	250		88	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.7*		µg/kg wet		*20.0*		*74*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.8*		µg/kg wet		*20.0*		*89*	*30-150*		
Duplicate (8121396-DUP1) **Source: SA88661-01**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
PCB 1016	BRL		µg/kg dry	22.1		BRL				40
PCB 1221	BRL		µg/kg dry	22.1		BRL				40
PCB 1232	BRL		µg/kg dry	22.1		BRL				40
PCB 1242	BRL		µg/kg dry	22.1		BRL				40
PCB 1248	BRL		µg/kg dry	22.1		BRL				40
PCB 1254	BRL		µg/kg dry	22.1		BRL				40
PCB 1260	BRL		µg/kg dry	22.1		BRL				40
PCB 1262	BRL		µg/kg dry	22.1		BRL				40
PCB 1268	BRL		µg/kg dry	22.1		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.4*		µg/kg dry		*22.1*		*84*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.0*		µg/kg dry		*22.1*		*91*	*30-150*		
Matrix Spike (8121396-MS1) **Source: SA88661-01**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
PCB 1016	246		µg/kg dry	21.7	271	BRL	91	40-140		
PCB 1260	262		µg/kg dry	21.7	271	BRL	97	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.7*		µg/kg dry		*21.6*		*82*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.3*		µg/kg dry		*21.6*		*84*	*30-150*		
Matrix Spike Dup (8121396-MSD1) **Source: SA88661-01**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
PCB 1016	247		µg/kg dry	21.9	273	BRL	90	40-140	0.7	50
PCB 1260	267		µg/kg dry	21.9	273	BRL	98	40-140	1	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.8*		µg/kg dry		*21.9*		*86*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.1*		µg/kg dry		*21.9*		*92*	*30-150*		
Batch 8121397 - SW846 3550B										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121397 - SW846 3550B										
Blank (8121397-BLK1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
2,4,5-T	BRL		µg/kg wet	6.70						
2,4,5-T [2C]	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex)	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex) [2C]	BRL		µg/kg wet	6.70						
2,4-D	BRL		µg/kg wet	6.70						
2,4-D [2C]	BRL		µg/kg wet	6.70						
2,4-DB	BRL		µg/kg wet	6.70						
2,4-DB [2C]	BRL		µg/kg wet	6.70						
Dalapon	BRL		µg/kg wet	6.70						
Dalapon [2C]	BRL		µg/kg wet	6.70						
Dicamba	BRL		µg/kg wet	6.70						
Dicamba [2C]	BRL		µg/kg wet	6.70						
Dichlorprop	BRL		µg/kg wet	6.70						
Dichlorprop [2C]	BRL		µg/kg wet	6.70						
Dinoseb	BRL		µg/kg wet	6.70						
Dinoseb [2C]	BRL		µg/kg wet	6.70						
MCPA	BRL		µg/kg wet	670						
MCPA [2C]	BRL		µg/kg wet	670						
MCPB	BRL		µg/kg wet	670						
MCPB [2C]	BRL		µg/kg wet	670						
MCPP	BRL		µg/kg wet	670						
MCPP [2C]	BRL		µg/kg wet	670						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg wet		*13.3*		*128*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*17.7*		µg/kg wet		*13.3*		*133*	*30-150*		
LCS (8121397-BS1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
2,4,5-T	31.7		µg/kg wet	6.70	33.3		95	40-140		
2,4,5-T [2C]	32.8		µg/kg wet	6.70	33.3		98	40-140		
2,4,5-TP (Silvex)	32.6		µg/kg wet	6.70	33.3		98	40-140		
2,4,5-TP (Silvex) [2C]	31.3		µg/kg wet	6.70	33.3		94	40-140		
2,4-D	32.1		µg/kg wet	6.70	33.3		96	40-140		
2,4-D [2C]	30.1		µg/kg wet	6.70	33.3		90	40-140		
2,4-DB	32.1		µg/kg wet	6.70	33.3		96	40-140		
2,4-DB [2C]	31.5		µg/kg wet	6.70	33.3		94	40-140		
Dalapon	18.6		µg/kg wet	6.70	33.3		56	40-140		
Dalapon [2C]	22.7		µg/kg wet	6.70	33.3		68	40-140		
Dicamba	30.2		µg/kg wet	6.70	33.3		91	40-140		
Dicamba [2C]	32.1		µg/kg wet	6.70	33.3		96	40-140		
Dichlorprop	32.8		µg/kg wet	6.70	33.3		98	40-140		
Dichlorprop [2C]	30.9		µg/kg wet	6.70	33.3		93	40-140		
Dinoseb	33.3		µg/kg wet	6.70	33.3		100	40-140		
Dinoseb [2C]	34.8		µg/kg wet	6.70	33.3		104	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.3*		µg/kg wet		*13.3*		*122*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*18.1*		µg/kg wet		*13.3*		*136*	*30-150*		
LCS (8121397-BS2)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
MCPA	9400		µg/kg wet	670	10000		94	40-140		
MCPA [2C]	10900		µg/kg wet	670	10000		109	40-140		
MCPB	9530		µg/kg wet	670	10000		95	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121397 - SW846 3550B										
LCS (8121397-BS2)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
MCPB [2C]	10300		µg/kg wet	670	10000		103	40-140		
MCPP	9530		µg/kg wet	670	10000		95	40-140		
MCPP [2C]	9470		µg/kg wet	670	10000		95	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.2*		µg/kg wet		*13.3*		*129*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [;	*18.1*		µg/kg wet		*13.3*		*136*	*30-150*		
LCS Dup (8121397-BSD1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
2,4,5-T	29.3		µg/kg wet	6.70	33.3		88	40-140	8	25
2,4,5-T [2C]	30.2		µg/kg wet	6.70	33.3		91	40-140	8	25
2,4,5-TP (Silvex)	31.8		µg/kg wet	6.70	33.3		95	40-140	2	25
2,4,5-TP (Silvex) [2C]	29.6		µg/kg wet	6.70	33.3		89	40-140	5	25
2,4-D	31.5		µg/kg wet	6.70	33.3		95	40-140	2	25
2,4-D [2C]	27.6		µg/kg wet	6.70	33.3		83	40-140	9	25
2,4-DB	30.9		µg/kg wet	6.70	33.3		93	40-140	4	25
2,4-DB [2C]	30.6		µg/kg wet	6.70	33.3		92	40-140	3	25
Dalapon	18.7		µg/kg wet	6.70	33.3		56	40-140	0.4	25
Dalapon [2C]	22.5		µg/kg wet	6.70	33.3		67	40-140	1	25
Dicamba	29.0		µg/kg wet	6.70	33.3		87	40-140	4	25
Dicamba [2C]	32.9		µg/kg wet	6.70	33.3		99	40-140	2	25
Dichlorprop	31.5		µg/kg wet	6.70	33.3		94	40-140	4	25
Dichlorprop [2C]	30.2		µg/kg wet	6.70	33.3		91	40-140	2	25
Dinoseb	33.3		µg/kg wet	6.70	33.3		100	40-140	0	25
Dinoseb [2C]	31.8		µg/kg wet	6.70	33.3		95	40-140	9	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.2*		µg/kg wet		*13.3*		*114*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [;	*17.7*		µg/kg wet		*13.3*		*133*	*30-150*		
LCS Dup (8121397-BSD2)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
MCPA	9200		µg/kg wet	670	10000		92	40-140	2	25
MCPA [2C]	10700		µg/kg wet	670	10000		107	40-140	2	25
MCPB	9470		µg/kg wet	670	10000		95	40-140	0.7	25
MCPB [2C]	10300		µg/kg wet	670	10000		103	40-140	0.6	25
MCPP	9470		µg/kg wet	670	10000		95	40-140	0.7	25
MCPP [2C]	8670		µg/kg wet	670	10000		87	40-140	9	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.5*		µg/kg wet		*13.3*		*124*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [;	*17.7*		µg/kg wet		*13.3*		*133*	*30-150*		
Duplicate (8121397-DUP1) **Source: SA88675-05**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
2,4,5-T	BRL		µg/kg dry	6.70		BRL				30
2,4,5-T [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex) [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-D	BRL		µg/kg dry	6.70		BRL				30
2,4-D [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-DB	BRL		µg/kg dry	6.70		BRL				30
2,4-DB [2C]	BRL		µg/kg dry	6.70		BRL				30
Dalapon	BRL		µg/kg dry	6.70		BRL				30
Dalapon [2C]	BRL		µg/kg dry	6.70		BRL				30
Dicamba	BRL		µg/kg dry	6.70		BRL				30
Dicamba [2C]	BRL		µg/kg dry	6.70		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121397 - SW846 3550B										
Duplicate (8121397-DUP1) **Source: SA88675-05**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Dichlorprop	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop [2C]	BRL		µg/kg dry	6.70		BRL				30
Dinoseb	BRL		µg/kg dry	6.70		BRL				30
Dinoseb [2C]	BRL		µg/kg dry	6.70		BRL				30
MCPA	BRL		µg/kg dry	670		BRL				30
MCPA [2C]	BRL		µg/kg dry	670		BRL				30
MCPB	BRL		µg/kg dry	670		BRL				30
MCPB [2C]	BRL		µg/kg dry	670		BRL				30
MCPP	BRL		µg/kg dry	670		BRL				30
MCPP [2C]	BRL		µg/kg dry	670		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.8*		µg/kg dry		*15.1*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*11.6*		µg/kg dry		*15.1*		*77*	*30-150*		
Batch 8121500 - SW846 3550B										
Blank (8121500-BLK1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
2,4,5-T	BRL		µg/kg wet	6.70						
2,4,5-T [2C]	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex)	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex) [2C]	BRL		µg/kg wet	6.70						
2,4-D	BRL		µg/kg wet	6.70						
2,4-D [2C]	BRL		µg/kg wet	6.70						
2,4-DB	BRL		µg/kg wet	6.70						
2,4-DB [2C]	BRL		µg/kg wet	6.70						
Dalapon	BRL		µg/kg wet	6.70						
Dalapon [2C]	BRL		µg/kg wet	6.70						
Dicamba	BRL		µg/kg wet	6.70						
Dicamba [2C]	BRL		µg/kg wet	6.70						
Dichlorprop	BRL		µg/kg wet	6.70						
Dichlorprop [2C]	BRL		µg/kg wet	6.70						
Dinoseb	BRL		µg/kg wet	6.70						
Dinoseb [2C]	BRL		µg/kg wet	6.70						
MCPA	BRL		µg/kg wet	670						
MCPA [2C]	BRL		µg/kg wet	670						
MCPB	BRL		µg/kg wet	670						
MCPB [2C]	BRL		µg/kg wet	670						
MCPP	BRL		µg/kg wet	670						
MCPP [2C]	BRL		µg/kg wet	670						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.7*		µg/kg wet		*13.3*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*15.7*		µg/kg wet		*13.3*		*118*	*30-150*		
LCS (8121500-BS1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
2,4,5-T	28.9		µg/kg wet	6.70	33.3		87	40-140		
2,4,5-T [2C]	30.7		µg/kg wet	6.70	33.3		92	40-140		
2,4,5-TP (Silvex)	28.6		µg/kg wet	6.70	33.3		86	40-140		
2,4,5-TP (Silvex) [2C]	29.8		µg/kg wet	6.70	33.3		89	40-140		
2,4-D	25.5		µg/kg wet	6.70	33.3		77	40-140		
2,4-D [2C]	24.8		µg/kg wet	6.70	33.3		74	40-140		
2,4-DB	27.3		µg/kg wet	6.70	33.3		82	40-140		
2,4-DB [2C]	28.1		µg/kg wet	6.70	33.3		84	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121500 - SW846 3550B										
LCS (8121500-BS1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Dalapon	19.1		µg/kg wet	6.70	33.3		57	40-140		
Dalapon [2C]	23.9		µg/kg wet	6.70	33.3		72	40-140		
Dicamba	28.4		µg/kg wet	6.70	33.3		85	40-140		
Dicamba [2C]	30.6		µg/kg wet	6.70	33.3		92	40-140		
Dichlorprop	30.2		µg/kg wet	6.70	33.3		91	40-140		
Dichlorprop [2C]	29.3		µg/kg wet	6.70	33.3		88	40-140		
Dinoseb	32.5		µg/kg wet	6.70	33.3		97	40-140		
Dinoseb [2C]	35.0		µg/kg wet	6.70	33.3		105	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.3*		µg/kg wet		*13.3*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*17.5*		µg/kg wet		*13.3*		*131*	*30-150*		
LCS (8121500-BS2)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
MCPA	8930		µg/kg wet	670	10000		89	40-140		
MCPA [2C]	10700		µg/kg wet	670	10000		107	40-140		
MCPB	10100		µg/kg wet	670	10000		101	40-140		
MCPB [2C]	11500		µg/kg wet	670	10000		115	40-140		
MCPP	9400		µg/kg wet	670	10000		94	40-140		
MCPP [2C]	9470		µg/kg wet	670	10000		95	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.3*		µg/kg wet		*13.3*		*122*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*17.3*		µg/kg wet		*13.3*		*130*	*30-150*		
LCS Dup (8121500-BSD1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
2,4,5-T	29.2		µg/kg wet	6.70	33.3		88	40-140	0.9	25
2,4,5-T [2C]	29.6		µg/kg wet	6.70	33.3		89	40-140	4	25
2,4,5-TP (Silvex)	28.3		µg/kg wet	6.70	33.3		85	40-140	0.9	25
2,4,5-TP (Silvex) [2C]	29.9		µg/kg wet	6.70	33.3		90	40-140	0.4	25
2,4-D	28.0		µg/kg wet	6.70	33.3		84	40-140	9	25
2,4-D [2C]	26.3		µg/kg wet	6.70	33.3		79	40-140	6	25
2,4-DB	24.7		µg/kg wet	6.70	33.3		74	40-140	10	25
2,4-DB [2C]	26.5		µg/kg wet	6.70	33.3		79	40-140	6	25
Dalapon	21.2		µg/kg wet	6.70	33.3		64	40-140	10	25
Dalapon [2C]	22.1		µg/kg wet	6.70	33.3		66	40-140	8	25
Dicamba	27.0		µg/kg wet	6.70	33.3		81	40-140	5	25
Dicamba [2C]	29.5		µg/kg wet	6.70	33.3		88	40-140	4	25
Dichlorprop	29.0		µg/kg wet	6.70	33.3		87	40-140	4	25
Dichlorprop [2C]	27.1		µg/kg wet	6.70	33.3		81	40-140	8	25
Dinoseb	30.3		µg/kg wet	6.70	33.3		91	40-140	7	25
Dinoseb [2C]	33.6		µg/kg wet	6.70	33.3		101	40-140	4	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.2*		µg/kg wet		*13.3*		*106*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*16.7*		µg/kg wet		*13.3*		*125*	*30-150*		
LCS Dup (8121500-BSD2)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
MCPA	8800		µg/kg wet	670	10000		88	40-140	2	25
MCPA [2C]	10700		µg/kg wet	670	10000		107	40-140	0.6	25
MCPB	9330		µg/kg wet	670	10000		93	40-140	8	25
MCPB [2C]	10300		µg/kg wet	670	10000		103	40-140	10	25
MCPP	9330		µg/kg wet	670	10000		93	40-140	0.7	25
MCPP [2C]	9330		µg/kg wet	670	10000		93	40-140	1	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.1*		µg/kg wet		*13.3*		*121*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121500 - SW846 3550B										
LCS Dup (8121500-BSD2)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*17.3*		µg/kg wet		*13.3*		*130*	*30-150*		
Duplicate (8121500-DUP1) **Source: SA88727-01**										
Prepared: 18-Dec-08 Analyzed: 20-Dec-08										
2,4,5-T	BRL		µg/kg dry	6.70		BRL				30
2,4,5-T [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex) [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-D	BRL		µg/kg dry	6.70		BRL				30
2,4-D [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-DB	BRL		µg/kg dry	6.70		BRL				30
2,4-DB [2C]	BRL		µg/kg dry	6.70		BRL				30
Dalapon	BRL		µg/kg dry	6.70		BRL				30
Dalapon [2C]	BRL		µg/kg dry	6.70		BRL				30
Dicamba	BRL		µg/kg dry	6.70		BRL				30
Dicamba [2C]	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop [2C]	BRL		µg/kg dry	6.70		BRL				30
Dinoseb	BRL		µg/kg dry	6.70		BRL				30
Dinoseb [2C]	BRL		µg/kg dry	6.70		BRL				30
MCPA	BRL		µg/kg dry	670		BRL				30
MCPA [2C]	BRL		µg/kg dry	670		BRL				30
MCPB	BRL		µg/kg dry	670		BRL				30
MCPB [2C]	BRL		µg/kg dry	670		BRL				30
MCPP	BRL		µg/kg dry	670		BRL				30
MCPP [2C]	BRL		µg/kg dry	670		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.8*		µg/kg dry		*16.6*		*77*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*9.95*		µg/kg dry		*16.6*		*60*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121322 - SW846 3550B										
Blank (8121322-BLK1)										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
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	*3.28*		mg/kg wet		*3.33*		*99*	*50-150*		
LCS (8121322-BS1)										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
C9-C36 Aliphatic Hydrocarbons	69.1		mg/kg wet	13.3	93.3		74	60-120		
Surrogate: 1-Chlorooctadecane	*2.42*		mg/kg wet		*3.33*		*72*	*50-150*		
Duplicate (8121322-DUP1) **Source: SA88675-05**										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
Gasoline	BRL		mg/kg dry	15.4		BRL				50
Fuel Oil #2	BRL		mg/kg dry	15.4		BRL				50
Fuel Oil #4	BRL		mg/kg dry	15.4		BRL				50
Fuel Oil #6	BRL		mg/kg dry	15.4		BRL				50
Motor Oil	BRL		mg/kg dry	15.4		BRL				50
Aviation Fuel	BRL		mg/kg dry	15.4		BRL				50
Unidentified	BRL		mg/kg dry	15.4		BRL				50
Other Oil	BRL		mg/kg dry	15.4		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.4		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.4		BRL				50
Surrogate: 1-Chlorooctadecane	*2.07*		mg/kg dry		*1.93*		*107*	*50-150*		
Matrix Spike (8121322-MS1) **Source: SA88675-05**										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
C9-C36 Aliphatic Hydrocarbons	77.6		mg/kg dry	14.7	103	BRL	75	50-150		
Surrogate: 1-Chlorooctadecane	*2.69*		mg/kg dry		*3.69*		*73*	*50-150*		
Matrix Spike Dup (8121322-MSD1) **Source: SA88675-05**										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
C9-C36 Aliphatic Hydrocarbons	76.3		mg/kg dry	15.3	108	BRL	71	50-150	6	30
Surrogate: 1-Chlorooctadecane	*2.59*		mg/kg dry		*3.84*		*67*	*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 8121031 - SW846 3050B										
Blank (8121031-BLK1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Lead	BRL		mg/kg wet	1.44						
Selenium	BRL		mg/kg wet	1.44						
Cadmium	BRL		mg/kg wet	0.482						
Chromium	BRL		mg/kg wet	0.963						
Arsenic	BRL		mg/kg wet	1.44						
Silver	BRL		mg/kg wet	1.44						
Barium	BRL		mg/kg wet	0.963						
Duplicate (8121031-DUP1) Source: SA88661-01										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Lead	9.75		mg/kg dry	1.45		9.72			0.4	20
Selenium	BRL		mg/kg dry	1.45		BRL				20
Cadmium	0.238	J	mg/kg dry	0.485		0.248			4	20
Chromium	8.18		mg/kg dry	0.970		8.04			2	20
Arsenic	1.84	QR6	mg/kg dry	1.45		2.37			25	20
Silver	BRL		mg/kg dry	1.45		BRL				20
Barium	31.3		mg/kg dry	0.970		33.1			5	20
Matrix Spike (8121031-MS1) Source: SA88661-02										
Prepared: 18-Dec-08 Analyzed: 22-Dec-08										
Selenium	122		mg/kg dry	1.40	117	BRL	105	75-125		
Lead	123		mg/kg dry	1.40	117	17.6	91	75-125		
Cadmium	107		mg/kg dry	0.467	117	0.268	91	75-125		
Arsenic	120		mg/kg dry	1.40	117	2.32	101	75-125		
Silver	111		mg/kg dry	1.40	117	BRL	95	75-125		
Chromium	128		mg/kg dry	0.935	117	8.45	102	75-125		
Barium	160		mg/kg dry	0.935	117	39.2	104	75-125		
Matrix Spike Dup (8121031-MSD1) Source: SA88661-02										
Prepared: 18-Dec-08 Analyzed: 22-Dec-08										
Selenium	115		mg/kg dry	1.39	116	BRL	99	75-125	7	20
Lead	120		mg/kg dry	1.39	116	17.6	89	75-125	2	20
Cadmium	106		mg/kg dry	0.465	116	0.268	91	75-125	0.6	20
Chromium	125		mg/kg dry	0.930	116	8.45	100	75-125	2	20
Silver	109		mg/kg dry	1.39	116	BRL	94	75-125	2	20
Arsenic	112		mg/kg dry	1.39	116	2.32	95	75-125	7	20
Barium	153		mg/kg dry	0.930	116	39.2	98	75-125	5	20
Post Spike (8121031-PS1) Source: SA88661-02										
Prepared: 18-Dec-08 Analyzed: 22-Dec-08										
Selenium	124		mg/kg dry	1.41	117	BRL	106	80-120		
Lead	125		mg/kg dry	1.41	117	17.6	92	80-120		
Chromium	129		mg/kg dry	0.938	117	8.45	103	80-120		
Silver	114		mg/kg dry	1.41	117	BRL	97	80-120		
Arsenic	122		mg/kg dry	1.41	117	2.32	102	80-120		
Cadmium	111		mg/kg dry	0.469	117	0.268	95	80-120		
Barium	149		mg/kg dry	0.938	117	39.2	94	80-120		
Reference (8121031-SRM1)										
Prepared: 18-Dec-08 Analyzed: 22-Dec-08										
Selenium	114		mg/kg wet	1.50	99.6		114	79.9-119.6		
Lead	59.2		mg/kg wet	1.50	68.0		87	80.9-119.9		

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 8121031 - SW846 3050B										
Reference (8121031-SRM1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Silver	27.3		mg/kg wet	1.50	31.2		87	66.2-133.7		
Chromium	74.5		mg/kg wet	1.00	69.0		108	81.9-118.1		
Arsenic	59.2		mg/kg wet	1.50	61.5		96	82.9-117.1		
Cadmium	118		mg/kg wet	0.500	129		92	83.7-116.7		
Barium	114		mg/kg wet	1.00	128		89	80.5-119.5		
Reference (8121031-SRM2)										
Prepared: 18-Dec-08 Analyzed: 22-Dec-08										
Selenium	119		mg/kg wet	1.50	103		115	79.9-119.6		
Lead	60.6		mg/kg wet	1.50	70.4		86	80.9-119.9		
Silver	31.0		mg/kg wet	1.50	32.3		96	66.2-133.7		
Cadmium	116		mg/kg wet	0.500	133		87	83.7-116.7		
Chromium	74.4		mg/kg wet	1.00	71.4		104	81.9-118.1		
Arsenic	65.6		mg/kg wet	1.50	63.6		103	82.9-117.1		
Barium	125		mg/kg wet	1.00	132		94	80.5-119.5		
Batch 8121032 - EPA200/SW7000 Series										
Blank (8121032-BLK1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	BRL		mg/kg wet	0.0283						
Duplicate (8121032-DUP1) **Source: SA88661-01**		QR6								
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.0713		mg/kg dry	0.0293		0.0577			21	20
Matrix Spike (8121032-MS1) **Source: SA88661-02**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.530		mg/kg dry	0.0290	0.403	0.0870	110	75-125		
Matrix Spike Dup (8121032-MSD1) **Source: SA88661-02**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.579		mg/kg dry	0.0306	0.424	0.0870	116	75-125	9	20
Post Spike (8121032-PS1) **Source: SA88661-02**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.565	QC1	mg/kg dry	0.0284	0.394	0.0870	121	80-120		
Reference (8121032-SRM1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	2.03		mg/kg wet	0.0300	2.06		98	71.7-128		

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 9020247 - EPA200/SW7000 Series										
Blank (9020247-BLK1)										
Prepared: 05-Feb-09 Analyzed: 06-Feb-09										
Mercury	BRL		mg/l	0.00020						
LCS (9020247-BS1)										
Prepared: 05-Feb-09 Analyzed: 06-Feb-09										
Mercury	0.00450		mg/l	0.00020	0.00500		90	69.2-107		
Duplicate (9020247-DUP1) Source: SA90516-02										
Prepared: 05-Feb-09 Analyzed: 06-Feb-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9020247-MS1) Source: SA90516-01										
Prepared: 05-Feb-09 Analyzed: 06-Feb-09										
Mercury	0.00460		mg/l	0.00020	0.00500	BRL	92	57.8-123		
Matrix Spike Dup (9020247-MSD1) Source: SA90516-01										
Prepared: 05-Feb-09 Analyzed: 06-Feb-09										
Mercury	0.00442		mg/l	0.00020	0.00500	BRL	88	57.8-123	4	20
Post Spike (9020247-PS1) Source: SA90516-01										
Prepared: 05-Feb-09 Analyzed: 06-Feb-09										
Mercury	0.00405		mg/l	0.00020	0.00500	BRL	81	70-112		

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 9010116 - SW846 3010A										
Blank (9010116-BLK1)										
Prepared & Analyzed: 05-Jan-09										
Lead	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0100						
Arsenic	BRL		mg/l	0.0080						
LCS (9010116-BS1)										
Prepared & Analyzed: 05-Jan-09										
Lead	2.45		mg/l	0.0150	2.50		98	85-115		
Arsenic	2.44		mg/l	0.0080	2.50		97	85-115		
Chromium	2.61		mg/l	0.0100	2.50		104	85-115		
LCS Dup (9010116-BSD1)										
Prepared & Analyzed: 05-Jan-09										
Lead	2.42		mg/l	0.0150	2.50		97	85-115	1	20
Arsenic	2.41		mg/l	0.0080	2.50		96	85-115	1	20
Chromium	2.48		mg/l	0.0100	2.50		99	85-115	5	20
Duplicate (9010116-DUP1)	**Source: SA88675-10**									
Prepared & Analyzed: 05-Jan-09										
Lead	BRL		mg/l	0.0150		0.0069				20
Arsenic	BRL		mg/l	0.0080		BRL				20
Chromium	BRL		mg/l	0.0100		BRL				20
Matrix Spike (9010116-MS1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Lead	2.43		mg/l	0.0150	2.50	BRL	97	75-125		
Chromium	2.48		mg/l	0.0100	2.50	BRL	99	75-125		
Arsenic	2.42		mg/l	0.0080	2.50	BRL	97	75-125		
Matrix Spike Dup (9010116-MSD1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Lead	2.42		mg/l	0.0150	2.50	BRL	97	75-125	0.5	20
Arsenic	2.40		mg/l	0.0080	2.50	BRL	96	75-125	0.6	20
Chromium	2.47		mg/l	0.0100	2.50	BRL	99	75-125	0.4	20
Post Spike (9010116-PS1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Lead	2.44		mg/l	0.0150	2.50	BRL	97	75-125		
Chromium	2.50		mg/l	0.0100	2.50	BRL	100	75-125		
Arsenic	2.42		mg/l	0.0080	2.50	BRL	97	75-125		
Batch 9010118 - EPA200/SW7000 Series										
Blank (9010118-BLK1)										
Prepared & Analyzed: 05-Jan-09										
Mercury	BRL		mg/l	0.00020						
LCS (9010118-BS1)										
Prepared & Analyzed: 05-Jan-09										
Mercury	0.00444		mg/l	0.00020	0.00500		89	56.1-122		
Duplicate (9010118-DUP1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Mercury	0.00142		mg/l	0.00020		0.00138			3	20
Matrix Spike (9010118-MS1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										

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 9010118 - EPA200/SW7000 Series										
Matrix Spike (9010118-MS1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Mercury	0.00584		mg/l	0.00020	0.00500	0.00138	89	59.8-119		
Matrix Spike Dup (9010118-MSD1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Mercury	0.00588		mg/l	0.00020	0.00500	0.00138	90	59.8-119	0.7	20
Post Spike (9010118-PS1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Mercury	0.00588		mg/l	0.00020	0.00500	0.00138	90	72.4-113		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121006 - General Preparation										
Duplicate (8121006-DUP1)	**Source: SA88663-03**									
Prepared & Analyzed: 11-Dec-08										
% Solids	85.2		%			85.8			0.7	20

Notes and Definitions

O09	This sample was analyzed outside the EPA recommended holding time per client request.
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
Z-2	The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.
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 and waste automobile oil
Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
Aviation Fuel - includes kerosene, Jet A and JP-4
Other Oil - includes lubricating and cutting oil, and silicon oil

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Rebecca Merz

SA 88675

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [x] 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 Rizzo
150 Trumbull St. 4th floor.
Hartford, CT

Project Mgr.: David Brossard

Invoice To: DAS # 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08010
Site Name: Hartford Busway
Location: 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

QA Reporting Notes: (check if needed)
- [ ] Provide MA DEP MCP CAM Report
- [ ] Provide CT DEP RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

State specific reporting standards: CT

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	Total RCRA8 metals	TCLP RCRA 8 metals	
88675-01	RSB-B12	12/9/08	820	G	SO	7	3	2				X	X	X	X	X	X		
-02	RSB-B13		850																
-03	RSB-B14		915																
-04	RSB-B15		950																
-05	RSB-B16		1020																
-06	RSB-B17		1100																
-07	RSB-B18		1140																
-08	RSB-B19		1300																
-09	RSB-B20		1330																
-10	RSB-B21		1400																

- [ ] Fax results when available to (_____) _____
- [x] E-mail to Patrick.depaula@tetratech.com
EDD Format David.brossard

Condition upon receipt: [ ] Iced [ ] Ambient [ ] °C 3.1

Relinquished by:	Received by:	Date:	Time:
Patrick dePaula	[illegible]	12/10/08	0725
	Michael [illegible]	12-10-08	1457

SA 88675

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
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- Samples disposed of after 60 days unless otherwise instructed.

Report To: Tetra Tech Rizzo
150 Trumbull St. 4th floor
Hartford, CT

Project Mgr.: David Brassard

Invoice To: DAS # 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08010
Site Name: Hartford Busway
Location: 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

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☐ Provide CT DEP RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____
☐ State specific reporting standards: CT

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	Total RCRA 8 Metals	SPLP RCRA 8 Metals	SPLP Pb, As, Hg	QA Reporting Notes
8861-01	RSB-B12	12/9/08	820	G	SO	7	3	2				X	X	X	X	X	X			
-02	RSB-B13		850																	
-03	RSB-B14		915																	
-04	RSB-B15		950																	
-05	RSB-B16		1020																	
-06	RSB-B17		1100																	
-07	RSB-B18		1140																	
-08	RSB-B19		1300																	ADDED
-09	RSB-B20		1330																X	ANALYSIS
-10	RSB-B21		1400																	X See attached

☐ Fax results when available to (____) _____
☒ E-mail to patrick.de.paula@tetratech.com
EDD Format Brand. Brassard
Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 3.5

Relinquished by:	Received by:	Date:	Time:
Patrick de Paula	[illegible]	12/10/08	925
[illegible]	Michael [illegible]	12-10-08	1457

12/10/09

CASE NARRATIVE:

The samples were received 3.2 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.

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

SW846 8151A

Samples:

S815284-CCV4

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

S815310-CCV6

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]

SW846 8260B

Laboratory Control Samples:

8121225-BS1

Analyte out of acceptance range.

n-Butylbenzene

8121225-BSD1

Analyte out of acceptance range.

Chloromethane

RPD out of acceptance range.

n-Butylbenzene

Spikes:

8121225-MS1 *Source: SA88663-03*

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

Chlorobenzene

SW846 8260B

Samples:

SA88727-02 *RSB-B23*

The VOC preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA88727-03 *RSB-B24*

The production of Acetone and other ketones is commonly seen when using the SW 846 5035A extraction technique.

Acetone

The VOC preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA88727-05 *RSB-B26*

The VOC preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA88727-07 *RSB-B28*

The VOC preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA88727-08 *RSB-B29*

The VOC preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA88727-09 *RSB-B30*

The VOC preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA88727-10 *RSB-B31*

The VOC preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SW846 8270C

Laboratory Control Samples:

8121406-BS1

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

Aniline
N-Nitrosodimethylamine

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B22 SA88727-01	127-17797-08010	Soil	10-Dec-08 08:40	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	11-Dec-08	11-Dec-08	8121058	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.66 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.8	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
67-64-1	Acetone	BRL		µg/kg dry	68.4	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	13.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	68.4	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	34.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	13.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.7	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.7	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.8	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.7	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	68.4	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	68.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	68.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.8	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B22 SA88727-01	127-17797-08010	Soil	10-Dec-08 08:40	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.66 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.8	1	SW846 8260B	12-Dec-08	13-Dec-08	8121092	X
100-42-5	Styrene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
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	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	68.4	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	68.4	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	137	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	34.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2740	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*93*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*98*		*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	411	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	411	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	411	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	411	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	411	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	411	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	411	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	411	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	411	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	411	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	411	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	411	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	411	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	411	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B22 SA88727-01	127-17797-08010	Soil	10-Dec-08 08:40	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	411	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	411	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	411	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	411	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	411	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	411	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	411	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	411	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	411	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	411	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	411	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	411	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	411	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	411	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	411	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	411	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	411	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	411	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	411	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	411	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	411	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	411	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	411	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	411	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	411	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	411	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	411	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	411	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	411	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	411	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	411	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	411	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	411	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	411	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	411	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	411	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	411	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	411	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	411	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	411	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	411	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	411	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	411	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	411	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1640	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	411	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	411	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1640	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	411	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	411	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B22 SA88727-01	127-17797-08010	Soil	10-Dec-08 08:40	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	411	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	411	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	411	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	411	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	411	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	411	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	411	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	411	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	411	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	411	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	411	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*55*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*62*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*52*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*53*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*60*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*62*		*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	23.5	1	SW846 8082	18-Dec-08	19-Dec-08	8121501	X
11104-28-2	PCB 1221	BRL		µg/kg dry	23.5	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	23.5	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	23.5	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	23.5	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	23.5	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	23.5	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	23.5	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	23.5	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	18-Dec-08	20-Dec-08	8121500	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*81*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B22 SA88727-01	127-17797-08010	Soil	10-Dec-08 08:40	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	16.5	1	+CT ETPH	17-Dec-08	18-Dec-08	8121402	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	16.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	16.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	16.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	16.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*83*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.81	1	SW846 6010B	18-Dec-08	19-Dec-08	8121126	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.81	1	"	"	"	"	X
7440-39-3	Barium	43.0		mg/kg dry	1.21	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.603	1	"	"	"	"	X
7440-47-3	Chromium	12.9		mg/kg dry	1.21	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0337	1	SW846 7471A	"	19-Dec-08	8121127	X
7439-92-1	Lead	4.67		mg/kg dry	1.81	1	SW846 6010B	"	19-Dec-08	8121126	X
7782-49-2	Selenium	2.20		mg/kg dry	1.81	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	79.5		%		1	SM2540 G Mod.	15-Dec-08	15-Dec-08	8121224	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B23 SA88727-02	127-17797-08010	Soil	10-Dec-08 09:05	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	11-Dec-08	11-Dec-08	8121058	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.71 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.6	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
67-64-1	Acetone	BRL		µg/kg dry	46.1	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.6	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.6	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	46.1	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	23.1	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.6	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	46.1	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	46.1	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	46.1	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B23 SA88727-02	127-17797-08010	Soil	10-Dec-08 09:05	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.71 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.6	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
100-42-5	Styrene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.6	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.6	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	46.1	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	46.1	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	92.3	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	23.1	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1850	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*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 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	362	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	362	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	362	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	362	1	"	"	"	"	X
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	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	362	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	362	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	362	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	362	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	362	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	362	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	362	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B23 SA88727-02	127-17797-08010	Soil	10-Dec-08 09:05	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	362	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	362	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	362	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	362	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	362	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	362	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	362	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	362	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	362	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	362	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	362	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	362	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	362	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	362	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	362	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	362	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	362	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	362	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	362	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	362	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	362	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	362	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	362	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	362	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	362	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	362	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1450	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1450	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	362	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	362	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B23 SA88727-02	127-17797-08010	Soil	10-Dec-08 09:05	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	362	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	362	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	362	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	362	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	362	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*68*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*58*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*72*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*67*		*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	21.9	1	SW846 8082	18-Dec-08	19-Dec-08	8121501	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.9	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.9	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.9	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.9	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.9	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.9	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.9	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.9	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	18-Dec-08	20-Dec-08	8121500	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*96*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B23 SA88727-02	127-17797-08010	Soil	10-Dec-08 09:05	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.6	1	+CT ETPH	17-Dec-08	18-Dec-08	8121402	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.6	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*85*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.39	1	SW846 6010B	18-Dec-08	19-Dec-08	8121126	X
7440-38-2	Arsenic	2.55		mg/kg dry	1.39	1	"	"	"	"	X
7440-39-3	Barium	50.6		mg/kg dry	0.924	1	"	"	"	"	X
7440-43-9	Cadmium	0.707		mg/kg dry	0.462	1	"	"	"	"	X
7440-47-3	Chromium	12.0		mg/kg dry	0.924	1	"	"	"	"	X
7439-97-6	Mercury	0.175		mg/kg dry	0.0292	1	SW846 7471A	"	19-Dec-08	8121127	X
7439-92-1	Lead	23.5		mg/kg dry	1.39	1	SW846 6010B	"	19-Dec-08	8121126	X
7782-49-2	Selenium	1.60		mg/kg dry	1.39	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	90.8		%		1	SM2540 G Mod.	15-Dec-08	15-Dec-08	8121226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B24 SA88727-03	127-17797-08010	Soil	10-Dec-08 09:35	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	11-Dec-08	11-Dec-08	8121058	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 7.73 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.5	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
67-64-1	Acetone	89.0	VOC6	µg/kg dry	45.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	45.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	22.6	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	45.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	45.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	45.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B24 SA88727-03	127-17797-08010	Soil	10-Dec-08 09:35	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 7.73 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.5	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
100-42-5	Styrene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	45.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	45.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	90.3	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	22.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1810	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*89*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*93*		*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 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	378	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	378	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	378	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	378	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	378	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	378	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	378	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	378	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	378	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	378	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	378	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	378	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	378	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	378	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B24 SA88727-03	127-17797-08010	Soil	10-Dec-08 09:35	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	378	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	378	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	378	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	378	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	378	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	378	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	378	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	378	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	378	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	378	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	378	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	378	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	378	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	378	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	378	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	378	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	378	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	378	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	378	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	378	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	378	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	378	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	378	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	378	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	378	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	378	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1510	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1510	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	378	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	378	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B24 SA88727-03	127-17797-08010	Soil	10-Dec-08 09:35	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	378	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	378	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	378	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	378	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	378	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*47*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*51*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*45*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*43*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*53*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*50*		*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	22.1	1	SW846 8082	18-Dec-08	19-Dec-08	8121501	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.1	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	18-Dec-08	20-Dec-08	8121500	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*66*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B24 SA88727-03	127-17797-08010	Soil	10-Dec-08 09:35	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.2	1	+CT ETPH	17-Dec-08	18-Dec-08	8121402	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*81*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.55	1	SW846 6010B	18-Dec-08	19-Dec-08	8121126	X
7440-38-2	Arsenic	2.26		mg/kg dry	1.55	1	"	"	"	"	X
7440-39-3	Barium	48.1		mg/kg dry	1.03	1	"	"	"	"	X
7440-43-9	Cadmium	0.988		mg/kg dry	0.517	1	"	"	"	"	X
7440-47-3	Chromium	14.0		mg/kg dry	1.03	1	"	"	"	"	X
7439-97-6	Mercury	0.0424		mg/kg dry	0.0332	1	SW846 7471A	"	19-Dec-08	8121127	X
7439-92-1	Lead	13.7		mg/kg dry	1.55	1	SW846 6010B	"	19-Dec-08	8121126	X
7782-49-2	Selenium	2.30		mg/kg dry	1.55	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	86.5		%		1	SM2540 G Mod.	15-Dec-08	15-Dec-08	8121226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B25 SA88727-04	127-17797-08010	Soil	10-Dec-08 10:05	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	11-Dec-08	11-Dec-08	8121058	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.03 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.0	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
67-64-1	Acetone	BRL		µg/kg dry	60.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	60.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	30.1	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	60.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	60.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	60.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.0	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B25	127-17797-08010	Soil	10-Dec-08 10:05	11-Dec-08
SA88727-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.03 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.0	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
100-42-5	Styrene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	60.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	60.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	120	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	30.1	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2410	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*116*		*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	389	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	389	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	389	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	389	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	389	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	389	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	389	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	389	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	389	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	389	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	389	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	389	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	389	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	389	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B25 SA88727-04	127-17797-08010	Soil	10-Dec-08 10:05	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	389	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	389	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	389	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	389	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	389	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	389	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	389	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	389	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	389	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	389	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	389	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	389	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	389	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	389	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	389	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	389	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	389	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	389	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	389	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	389	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	389	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	389	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	389	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	389	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	389	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	389	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	389	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	389	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	389	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	389	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	389	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	389	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	389	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	389	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	389	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	389	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	389	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	389	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	389	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	389	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	389	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	389	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	389	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	389	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1560	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	389	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	389	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1560	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	389	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	389	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B25 SA88727-04	127-17797-08010	Soil	10-Dec-08 10:05	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	389	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	389	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	389	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	389	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	389	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	389	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	389	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	389	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	389	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	389	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	389	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*77*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*81*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*69*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*70*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*87*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*82*		*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	23.1	1	SW846 8082	18-Dec-08	19-Dec-08	8121501	X
11104-28-2	PCB 1221	BRL		µg/kg dry	23.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	23.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	23.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	23.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	23.1	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	23.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	23.1	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	23.1	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	18-Dec-08	20-Dec-08	8121500	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*82*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B25 SA88727-04	127-17797-08010	Soil	10-Dec-08 10:05	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.7	1	+CT ETPH	17-Dec-08	18-Dec-08	8121402	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.7	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.7	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.7	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.7	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.7	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.7	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.7	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*88*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.70	1	SW846 6010B	18-Dec-08	19-Dec-08	8121126	X
7440-38-2	Arsenic	2.97		mg/kg dry	1.70	1	"	"	"	"	X
7440-39-3	Barium	64.7		mg/kg dry	1.13	1	"	"	"	"	X
7440-43-9	Cadmium	0.781		mg/kg dry	0.566	1	"	"	"	"	X
7440-47-3	Chromium	14.4		mg/kg dry	1.13	1	"	"	"	"	X
7439-97-6	Mercury	0.341		mg/kg dry	0.0334	1	SW846 7471A	"	19-Dec-08	8121127	X
7439-92-1	Lead	21.0		mg/kg dry	1.70	1	SW846 6010B	"	19-Dec-08	8121126	X
7782-49-2	Selenium	2.25		mg/kg dry	1.70	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	83.0		%		1	SM2540 G Mod.	15-Dec-08	15-Dec-08	8121226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B26 SA88727-05	127-17797-08010	Soil	10-Dec-08 10:30	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	11-Dec-08	11-Dec-08	8121058	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 8.96 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.5	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
67-64-1	Acetone	BRL		µg/kg dry	35.3	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	3.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	3.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	35.3	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	17.7	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	3.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	3.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	7.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	3.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	35.3	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	3.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	35.3	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	35.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.5	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B26 SA88727-05	127-17797-08010	Soil	10-Dec-08 10:30	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 8.96 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.5	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
100-42-5	Styrene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	3.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	3.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	35.3	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	3.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	3.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	3.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	3.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	35.3	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	70.6	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	17.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1410	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*107*		*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	354	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	354	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	354	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	354	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	354	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	354	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	354	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	354	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	354	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	354	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	354	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	354	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	354	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	354	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B26	127-17797-08010	Soil	10-Dec-08 10:30	11-Dec-08
SA88727-05				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	354	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	354	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	354	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	354	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	354	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	354	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	354	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	354	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	354	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	354	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	354	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	354	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	354	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	354	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	354	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	354	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	354	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	354	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	354	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	354	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	354	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	354	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	354	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	354	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	354	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	354	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	354	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	354	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	354	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	354	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	354	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1420	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1420	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	354	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	354	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B26 SA88727-05	127-17797-08010	Soil	10-Dec-08 10:30	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	354	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	354	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	354	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	354	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	354	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*48*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*50*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*43*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*42*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*54*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*54*		*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	21.3	1	SW846 8082	18-Dec-08	19-Dec-08	8121501	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.3	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.3	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.3	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.3	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.3	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.3	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.3	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.3	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	18-Dec-08	20-Dec-08	8121500	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*102*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B26 SA88727-05	127-17797-08010	Soil	10-Dec-08 10:30	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.3	1	+CT ETPH	17-Dec-08	18-Dec-08	8121402	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.3	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.3	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.3	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*86*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.51	1	SW846 6010B	18-Dec-08	19-Dec-08	8121126	X
7440-38-2	Arsenic	2.27		mg/kg dry	1.51	1	"	"	"	"	X
7440-39-3	Barium	90.0		mg/kg dry	1.01	1	"	"	"	"	X
7440-43-9	Cadmium	0.863		mg/kg dry	0.505	1	"	"	"	"	X
7440-47-3	Chromium	22.5		mg/kg dry	1.01	1	"	"	"	"	X
7439-97-6	Mercury	0.178		mg/kg dry	0.0298	1	SW846 7471A	"	19-Dec-08	8121127	X
7439-92-1	Lead	15.0		mg/kg dry	1.51	1	SW846 6010B	"	19-Dec-08	8121126	X
7782-49-2	Selenium	2.59		mg/kg dry	1.51	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	91.3		%		1	SM2540 G Mod.	15-Dec-08	15-Dec-08	8121226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B27 SA88727-06	127-17797-08010	Soil	10-Dec-08 11:05	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	11-Dec-08	11-Dec-08	8121058	
Volatile Organic Compounds						Initial weight: 5.73 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.5	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
67-64-1	Acetone	BRL		µg/kg dry	54.9	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	54.9	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.4	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	54.9	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	54.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	54.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.5	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B27 SA88727-06	127-17797-08010	Soil	10-Dec-08 11:05	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.73 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.5	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
100-42-5	Styrene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	54.9	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	54.9	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	110	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	27.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2190	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*90*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*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	363	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	363	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	363	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	363	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	363	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	363	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	363	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	363	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	363	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	363	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	363	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	363	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	363	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	363	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B27 SA88727-06	127-17797-08010	Soil	10-Dec-08 11:05	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	363	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	363	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	363	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	363	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	363	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	363	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	363	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	363	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	363	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	363	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	363	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	363	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	363	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	363	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	363	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	363	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	363	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	363	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	363	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	363	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	363	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	363	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	363	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	363	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	363	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	363	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	363	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	363	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	363	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	363	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	363	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1450	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1450	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	363	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	363	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B27	127-17797-08010	Soil	10-Dec-08 11:05	11-Dec-08
SA88727-06				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	363	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	363	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	363	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	363	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	363	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*73*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*75*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*63*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*64*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*82*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*78*		*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	21.4	1	SW846 8082	18-Dec-08	19-Dec-08	8121501	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.4	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.4	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.4	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.4	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	18-Dec-08	20-Dec-08	8121500	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*96*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B27 SA88727-06	127-17797-08010	Soil	10-Dec-08 11:05	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.6	1	+CT ETPH	17-Dec-08	18-Dec-08	8121402	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.6	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*88*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.49	1	SW846 6010B	18-Dec-08	19-Dec-08	8121126	X
7440-38-2	Arsenic	1.70		mg/kg dry	1.49	1	"	"	"	"	X
7440-39-3	Barium	61.5		mg/kg dry	0.994	1	"	"	"	"	X
7440-43-9	Cadmium	0.730		mg/kg dry	0.497	1	"	"	"	"	X
7440-47-3	Chromium	15.4		mg/kg dry	0.994	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0325	1	SW846 7471A	"	19-Dec-08	8121127	X
7439-92-1	Lead	16.1		mg/kg dry	1.49	1	SW846 6010B	"	19-Dec-08	8121126	X
7782-49-2	Selenium	2.14		mg/kg dry	1.49	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	89.3		%		1	SM2540 G Mod.	15-Dec-08	15-Dec-08	8121226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B28 SA88727-07	127-17797-08010	Soil	10-Dec-08 11:35	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	11-Dec-08	11-Dec-08	8121058	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 7.09 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.6	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
67-64-1	Acetone	BRL		µg/kg dry	45.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.6	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.6	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	45.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	22.8	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.6	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	45.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	45.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	45.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.6	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B28 SA88727-07	127-17797-08010	Soil	10-Dec-08 11:35	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 7.09 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.6	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
100-42-5	Styrene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.6	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.6	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	45.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	45.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	91.2	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	22.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1820	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*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	367	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	367	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	367	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	367	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	367	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	367	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	367	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	367	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	367	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	367	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	367	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	367	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	367	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	367	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B28	127-17797-08010	Soil	10-Dec-08 11:35	11-Dec-08
SA88727-07				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.8	1	+CT ETPH	17-Dec-08	18-Dec-08	8121402	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.8	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.8	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.8	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.8	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.8	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.8	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.8	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.8	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.8	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*82*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.50	1	SW846 6010B	18-Dec-08	19-Dec-08	8121126	X
7440-38-2	Arsenic	1.97		mg/kg dry	1.50	1	"	"	"	"	X
7440-39-3	Barium	39.6		mg/kg dry	1.00	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.501	1	"	"	"	"	X
7440-47-3	Chromium	11.4		mg/kg dry	1.00	1	"	"	"	"	X
7439-97-6	Mercury	0.0682		mg/kg dry	0.0309	1	SW846 7471A	"	19-Dec-08	8121127	X
7439-92-1	Lead	36.6		mg/kg dry	1.50	1	SW846 6010B	"	19-Dec-08	8121126	X
7782-49-2	Selenium	1.84		mg/kg dry	1.50	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	89.2		%		1	SM2540 G Mod.	15-Dec-08	15-Dec-08	8121226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B29 SA88727-08	127-17797-08010	Soil	10-Dec-08 12:00	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	11-Dec-08	11-Dec-08	8121058	
Volatile Organic Compounds			VC10		Initial weight: 7.2 g						
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.1	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
67-64-1	Acetone	BRL		µg/kg dry	60.5	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.1	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	60.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	30.3	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	60.5	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	60.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	60.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.1	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B29	127-17797-08010	Soil	10-Dec-08 12:00	11-Dec-08
SA88727-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 7.2 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.1	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
100-42-5	Styrene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.1	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.1	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	60.5	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	60.5	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	121	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	30.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2420	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*87*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*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	425	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	425	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	425	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	425	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	425	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	425	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	425	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	425	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	425	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	425	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	425	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	425	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	425	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	425	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B29 SA88727-08	127-17797-08010	Soil	10-Dec-08 12:00	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	425	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	425	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	425	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	425	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	425	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	425	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	425	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	425	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	425	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	425	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	425	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	425	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	425	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	425	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	425	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	425	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	425	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	425	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	425	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	425	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	425	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	425	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	425	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	425	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	425	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	425	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1700	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1700	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	425	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	425	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B29	127-17797-08010	Soil	10-Dec-08 12:00	11-Dec-08
SA88727-08				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	425	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	425	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	425	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	425	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	425	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*70*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*59*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*59*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*74*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*66*		*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	25.8	1	SW846 8082	18-Dec-08	19-Dec-08	8121501	X
11104-28-2	PCB 1221	BRL		µg/kg dry	25.8	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	25.8	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	25.8	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	25.8	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	25.8	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	25.8	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	25.8	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	25.8	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	18-Dec-08	20-Dec-08	8121500	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B29 SA88727-08	127-17797-08010	Soil	10-Dec-08 12:00	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	17.1	1	+CT ETPH	17-Dec-08	18-Dec-08	8121402	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	17.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	17.1	1	"	"	"	"	
	Unidentified	111		mg/kg dry	17.1	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	17.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	111		mg/kg dry	17.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	111		mg/kg dry	17.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*82*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.89	1	SW846 6010B	18-Dec-08	19-Dec-08	8121126	X
7440-38-2	Arsenic	5.71		mg/kg dry	1.89	1	"	"	"	"	X
7440-39-3	Barium	38.8		mg/kg dry	1.26	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.630	1	"	"	"	"	X
7440-47-3	Chromium	12.6		mg/kg dry	1.26	1	"	"	"	"	X
7439-97-6	Mercury	0.0405		mg/kg dry	0.0368	1	SW846 7471A	"	19-Dec-08	8121127	X
7439-92-1	Lead	59.1		mg/kg dry	1.89	1	SW846 6010B	"	19-Dec-08	8121126	X
7782-49-2	Selenium	2.07		mg/kg dry	1.89	1	"	"	22-Dec-08	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	02-Jan-09	02-Jan-09	9010069	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	SW846 1312/6010B	05-Jan-09	05-Jan-09	9010116	
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	76.7		%		1	SM2540 G Mod.	15-Dec-08	15-Dec-08	8121226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B30 SA88727-09	127-17797-08010	Soil	10-Dec-08 13:00	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	11-Dec-08	11-Dec-08	8121058	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 7.09 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.4	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
67-64-1	Acetone	BRL		µg/kg dry	64.4	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.4	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	64.4	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	32.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.9	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.9	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.9	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	64.4	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	64.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	64.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.4	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B30 SA88727-09	127-17797-08010	Soil	10-Dec-08 13:00	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 7.09 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.4	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
100-42-5	Styrene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.4	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.4	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.9	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	64.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	64.4	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	129	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	32.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2580	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*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											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	438	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	438	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	438	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	438	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	438	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	438	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	438	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	438	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	438	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	438	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	438	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	438	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	438	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	438	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B30 SA88727-09	127-17797-08010	Soil	10-Dec-08 13:00	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	438	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	438	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	438	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	438	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	438	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	438	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	438	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	438	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	438	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	438	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	438	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	438	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	438	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	438	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	438	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	438	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	438	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	438	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	438	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	438	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	438	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	438	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	438	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	438	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	438	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	438	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	438	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	438	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	438	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	438	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	438	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	438	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	438	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	438	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	438	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	438	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	438	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	438	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	438	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	438	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	438	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	438	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	438	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	438	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1750	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	438	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	438	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1750	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	438	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	438	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B30 SA88727-09	127-17797-08010	Soil	10-Dec-08 13:00	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	438	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	438	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	438	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	438	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	438	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	438	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	438	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	438	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	438	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	438	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	438	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*72*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*83*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*67*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*68*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*82*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*79*		*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	26.1	1	SW846 8082	18-Dec-08	19-Dec-08	8121501	X
11104-28-2	PCB 1221	BRL		µg/kg dry	26.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	26.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	26.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	26.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	26.1	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	26.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	26.1	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	26.1	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	18-Dec-08	20-Dec-08	8121500	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*83*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B30 SA88727-09	127-17797-08010	Soil	10-Dec-08 13:00	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	17.7	1	+CT ETPH	17-Dec-08	18-Dec-08	8121402	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.7	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.7	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.7	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	17.7	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	17.7	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	17.7	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	17.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.7	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*87*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.99	1	SW846 6010B	18-Dec-08	19-Dec-08	8121126	X
7440-38-2	Arsenic	2.06		mg/kg dry	1.99	1	"	"	"	"	X
7440-39-3	Barium	54.8		mg/kg dry	1.32	1	"	"	"	"	X
7440-43-9	Cadmium	0.662		mg/kg dry	0.662	1	"	"	"	"	X
7440-47-3	Chromium	16.8		mg/kg dry	1.32	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0397	1	SW846 7471A	"	19-Dec-08	8121127	X
7439-92-1	Lead	6.47		mg/kg dry	1.99	1	SW846 6010B	"	19-Dec-08	8121126	X
7782-49-2	Selenium	3.03		mg/kg dry	1.99	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	74.5		%		1	SM2540 G Mod.	15-Dec-08	15-Dec-08	8121226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B31 SA88727-10	127-17797-08010	Soil	10-Dec-08 13:35	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	11-Dec-08	11-Dec-08	8121058	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.92 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.6	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
67-64-1	Acetone	BRL		µg/kg dry	45.5	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.6	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.6	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	45.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	22.8	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.6	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	45.5	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	45.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	45.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B31 SA88727-10	127-17797-08010	Soil	10-Dec-08 13:35	11-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.92 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.6	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
100-42-5	Styrene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.6	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.6	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	45.5	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	45.5	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	91.1	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	22.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1820	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*93*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*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	362	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	362	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	362	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	362	1	"	"	"	"	X
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	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	362	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	362	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	362	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	362	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	362	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	362	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	362	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B31 SA88727-10	127-17797-08010	Soil	10-Dec-08 13:35	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	362	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	362	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	362	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	362	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	362	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	362	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	362	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	362	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	362	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	362	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	362	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	362	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	362	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	362	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	362	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	362	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	362	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	362	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	362	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	362	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	362	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	362	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	362	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	362	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	362	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	362	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	362	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	362	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1450	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1450	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	362	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	362	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B31 SA88727-10	127-17797-08010	Soil	10-Dec-08 13:35	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	362	1	SW846 8270C	17-Dec-08	18-Dec-08	8121406	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	362	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	362	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	362	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	362	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	362	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	362	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*65*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*56*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*55*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*68*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*64*		*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	20.6	1	SW846 8082	18-Dec-08	19-Dec-08	8121501	X
11104-28-2	PCB 1221	BRL		µg/kg dry	20.6	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	20.6	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	20.6	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	20.6	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	20.6	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	20.6	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	20.6	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	20.6	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	18-Dec-08	20-Dec-08	8121500	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*99*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B31 SA88727-10	127-17797-08010	Soil	10-Dec-08 13:35	11-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.6	1	+CT ETPH	17-Dec-08	18-Dec-08	8121402	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.6	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*81*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.49	1	SW846 6010B	18-Dec-08	19-Dec-08	8121126	X
7440-38-2	Arsenic	2.45		mg/kg dry	1.49	1	"	"	"	"	X
7440-39-3	Barium	45.9		mg/kg dry	0.996	1	"	"	"	"	X
7440-43-9	Cadmium	0.593		mg/kg dry	0.498	1	"	"	"	"	X
7440-47-3	Chromium	10.7		mg/kg dry	0.996	1	"	"	"	"	X
7439-97-6	Mercury	0.0965		mg/kg dry	0.0324	1	SW846 7471A	"	19-Dec-08	8121127	X
7439-92-1	Lead	12.4		mg/kg dry	1.49	1	SW846 6010B	"	19-Dec-08	8121126	X
7782-49-2	Selenium	BRL		mg/kg dry	1.49	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	90.1		%		1	SM2540 G Mod.	15-Dec-08	15-Dec-08	8121226	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121092 - SW846 5035A Soil (low level)										
Blank (8121092-BLK1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
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 8121092 - SW846 5035A Soil (low level)										
Blank (8121092-BLK1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
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						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	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						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*45.9*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: Toluene-d8	*48.7*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*59.4*		µg/kg wet		*50.0*		*119*	*70-130*		
Surrogate: Dibromofluoromethane	*54.2*		µg/kg wet		*50.0*		*108*	*70-130*		
LCS (8121092-BS1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.8		µg/kg wet		20.0		94	70-130		
Acetone	10.5		µg/kg wet		20.0		53	0-168		
Acrylonitrile	17.7		µg/kg wet		20.0		88	70-130		
Benzene	20.2		µg/kg wet		20.0		101	70-130		
Bromobenzene	17.9		µg/kg wet		20.0		90	70-130		
Bromochloromethane	16.4		µg/kg wet		20.0		82	70-130		
Bromodichloromethane	19.2		µg/kg wet		20.0		96	70-130		
Bromoform	18.6		µg/kg wet		20.0		93	70-130		
Bromomethane	15.8		µg/kg wet		20.0		79	40.9-138		
2-Butanone (MEK)	10.5		µg/kg wet		20.0		53	29.8-145		
n-Butylbenzene	20.0		µg/kg wet		20.0		100	70-130		
sec-Butylbenzene	18.5		µg/kg wet		20.0		92	70-130		
tert-Butylbenzene	17.6		µg/kg wet		20.0		88	70-130		
Carbon disulfide	19.9		µg/kg wet		20.0		99	70-130		
Carbon tetrachloride	21.0		µg/kg wet		20.0		105	70-130		
Chlorobenzene	20.0		µg/kg wet		20.0		100	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121092 - SW846 5035A Soil (low level)										
LCS (8121092-BS1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
Chloroethane	16.9		µg/kg wet		20.0		84	47.5-130		
Chloroform	18.1		µg/kg wet		20.0		91	70-130		
Chloromethane	14.4		µg/kg wet		20.0		72	70-130		
2-Chlorotoluene	19.5		µg/kg wet		20.0		98	70-130		
4-Chlorotoluene	18.1		µg/kg wet		20.0		91	70-130		
1,2-Dibromo-3-chloropropane	18.1		µg/kg wet		20.0		90	70-130		
Dibromochloromethane	18.3		µg/kg wet		20.0		91	66.2-130		
1,2-Dibromoethane (EDB)	17.5		µg/kg wet		20.0		88	70-130		
Dibromomethane	17.8		µg/kg wet		20.0		89	70-130		
1,2-Dichlorobenzene	18.7		µg/kg wet		20.0		93	70-130		
1,3-Dichlorobenzene	16.8		µg/kg wet		20.0		84	70-130		
1,4-Dichlorobenzene	18.9		µg/kg wet		20.0		95	70-130		
Dichlorodifluoromethane (Freon12)	14.1		µg/kg wet		20.0		71	32-158		
1,1-Dichloroethane	19.4		µg/kg wet		20.0		97	70-130		
1,2-Dichloroethane	18.9		µg/kg wet		20.0		94	70-130		
1,1-Dichloroethene	19.3		µg/kg wet		20.0		96	70-130		
cis-1,2-Dichloroethene	18.9		µg/kg wet		20.0		95	70-130		
trans-1,2-Dichloroethene	20.7		µg/kg wet		20.0		104	70-130		
1,2-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130		
1,3-Dichloropropane	17.6		µg/kg wet		20.0		88	70-130		
2,2-Dichloropropane	15.8		µg/kg wet		20.0		79	70-130		
1,1-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130		
cis-1,3-Dichloropropene	17.6		µg/kg wet		20.0		88	70-130		
trans-1,3-Dichloropropene	16.8		µg/kg wet		20.0		84	70-130		
Ethylbenzene	20.3		µg/kg wet		20.0		101	70-130		
Hexachlorobutadiene	17.9		µg/kg wet		20.0		89	53.6-138		
2-Hexanone (MBK)	16.8		µg/kg wet		20.0		84	70-130		
Isopropylbenzene	20.2		µg/kg wet		20.0		101	70-130		
4-Isopropyltoluene	19.5		µg/kg wet		20.0		98	70-130		
Methyl tert-butyl ether	19.7		µg/kg wet		20.0		98	70-130		
4-Methyl-2-pentanone (MIBK)	17.2		µg/kg wet		20.0		86	53.5-137		
Methylene chloride	16.8		µg/kg wet		20.0		84	70-130		
Naphthalene	16.3		µg/kg wet		20.0		82	70-130		
n-Propylbenzene	19.2		µg/kg wet		20.0		96	70-130		
Styrene	18.3		µg/kg wet		20.0		91	70-130		
1,1,1,2-Tetrachloroethane	19.7		µg/kg wet		20.0		98	70-130		
1,1,2,2-Tetrachloroethane	18.4		µg/kg wet		20.0		92	70-130		
Tetrachloroethene	18.2		µg/kg wet		20.0		91	70-130		
Toluene	17.4		µg/kg wet		20.0		87	70-130		
1,2,3-Trichlorobenzene	17.1		µg/kg wet		20.0		86	70-130		
1,2,4-Trichlorobenzene	16.8		µg/kg wet		20.0		84	70-130		
1,3,5-Trichlorobenzene	19.0		µg/kg wet		20.0		95	70-130		
1,1,1-Trichloroethane	19.8		µg/kg wet		20.0		99	70-130		
1,1,2-Trichloroethane	18.0		µg/kg wet		20.0		90	70-130		
Trichloroethene	19.1		µg/kg wet		20.0		96	70-130		
Trichlorofluoromethane (Freon 11)	18.5		µg/kg wet		20.0		93	50.9-138		
1,2,3-Trichloropropane	16.6		µg/kg wet		20.0		83	70-130		
1,2,4-Trimethylbenzene	18.1		µg/kg wet		20.0		91	70-130		
1,3,5-Trimethylbenzene	18.7		µg/kg wet		20.0		93	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121092 - SW846 5035A Soil (low level)										
LCS (8121092-BS1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
Vinyl chloride	16.0		µg/kg wet		20.0		80	70-130		
m,p-Xylene	39.8		µg/kg wet		40.0		99	70-130		
o-Xylene	18.8		µg/kg wet		20.0		94	70-130		
Tetrahydrofuran	17.3		µg/kg wet		20.0		86	70-130		
Ethyl ether	21.2		µg/kg wet		20.0		106	61.4-130		
Tert-amyl methyl ether	19.6		µg/kg wet		20.0		98	70-130		
Ethyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130		
Di-isopropyl ether	21.3		µg/kg wet		20.0		107	70-130		
Tert-Butanol / butyl alcohol	154		µg/kg wet		200		77	70-130		
1,4-Dioxane	168		µg/kg wet		200		84	48.3-142		
trans-1,4-Dichloro-2-butene	15.4		µg/kg wet		20.0		77	70-130		
Ethanol	306		µg/kg wet		400		77	70-130		
Surrogate: 4-Bromofluorobenzene	*47.4*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*48.3*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.6*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*49.3*		µg/kg wet		*50.0*		*99*	*70-130*		
LCS Dup (8121092-BSD1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.0		µg/kg wet		20.0		90	70-130	4	25
Acetone	11.3		µg/kg wet		20.0		56	0-168	7	50
Acrylonitrile	18.0		µg/kg wet		20.0		90	70-130	2	25
Benzene	20.5		µg/kg wet		20.0		102	70-130	2	25
Bromobenzene	18.6		µg/kg wet		20.0		93	70-130	4	25
Bromochloromethane	16.5		µg/kg wet		20.0		83	70-130	1	25
Bromodichloromethane	19.9		µg/kg wet		20.0		99	70-130	4	25
Bromoform	17.8		µg/kg wet		20.0		89	70-130	4	25
Bromomethane	17.5		µg/kg wet		20.0		88	40.9-138	10	50
2-Butanone (MEK)	15.6		µg/kg wet		20.0		78	29.8-145	39	50
n-Butylbenzene	19.4		µg/kg wet		20.0		97	70-130	3	25
sec-Butylbenzene	18.9		µg/kg wet		20.0		94	70-130	2	25
tert-Butylbenzene	18.8		µg/kg wet		20.0		94	70-130	6	25
Carbon disulfide	19.9		µg/kg wet		20.0		100	70-130	0.3	25
Carbon tetrachloride	20.3		µg/kg wet		20.0		102	70-130	3	25
Chlorobenzene	19.9		µg/kg wet		20.0		100	70-130	0.2	25
Chloroethane	17.8		µg/kg wet		20.0		89	47.5-130	5	50
Chloroform	18.6		µg/kg wet		20.0		93	70-130	3	25
Chloromethane	15.2		µg/kg wet		20.0		76	70-130	5	25
2-Chlorotoluene	19.7		µg/kg wet		20.0		99	70-130	1	25
4-Chlorotoluene	18.4		µg/kg wet		20.0		92	70-130	2	25
1,2-Dibromo-3-chloropropane	17.2		µg/kg wet		20.0		86	70-130	5	25
Dibromochloromethane	17.7		µg/kg wet		20.0		88	66.2-130	3	50
1,2-Dibromoethane (EDB)	17.8		µg/kg wet		20.0		89	70-130	2	25
Dibromomethane	18.7		µg/kg wet		20.0		93	70-130	5	25
1,2-Dichlorobenzene	18.7		µg/kg wet		20.0		93	70-130	0.2	25
1,3-Dichlorobenzene	17.1		µg/kg wet		20.0		86	70-130	2	25
1,4-Dichlorobenzene	18.7		µg/kg wet		20.0		94	70-130	1	25
Dichlorodifluoromethane (Freon12)	14.7		µg/kg wet		20.0		73	32-158	4	50
1,1-Dichloroethane	18.8		µg/kg wet		20.0		94	70-130	3	25
1,2-Dichloroethane	18.4		µg/kg wet		20.0		92	70-130	3	25
1,1-Dichloroethene	19.7		µg/kg wet		20.0		98	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 8121092 - SW846 5035A Soil (low level)										
LCS Dup (8121092-BSD1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
cis-1,2-Dichloroethene	18.5		µg/kg wet		20.0		92	70-130	3	25
trans-1,2-Dichloroethene	20.3		µg/kg wet		20.0		101	70-130	2	25
1,2-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130	2	25
1,3-Dichloropropane	17.3		µg/kg wet		20.0		87	70-130	2	25
2,2-Dichloropropane	15.6		µg/kg wet		20.0		78	70-130	1	25
1,1-Dichloropropene	19.5		µg/kg wet		20.0		97	70-130	5	25
cis-1,3-Dichloropropene	16.6		µg/kg wet		20.0		83	70-130	6	25
trans-1,3-Dichloropropene	16.8		µg/kg wet		20.0		84	70-130	0.2	25
Ethylbenzene	20.3		µg/kg wet		20.0		101	70-130	0	25
Hexachlorobutadiene	17.4		µg/kg wet		20.0		87	53.6-138	3	50
2-Hexanone (MBK)	17.4		µg/kg wet		20.0		87	70-130	3	25
Isopropylbenzene	20.6		µg/kg wet		20.0		103	70-130	2	25
4-Isopropyltoluene	18.9		µg/kg wet		20.0		95	70-130	3	25
Methyl tert-butyl ether	18.6		µg/kg wet		20.0		93	70-130	6	25
4-Methyl-2-pentanone (MIBK)	18.7		µg/kg wet		20.0		94	53.5-137	8	50
Methylene chloride	18.6		µg/kg wet		20.0		93	70-130	10	25
Naphthalene	16.0		µg/kg wet		20.0		80	70-130	2	25
n-Propylbenzene	19.6		µg/kg wet		20.0		98	70-130	2	25
Styrene	18.8		µg/kg wet		20.0		94	70-130	3	25
1,1,1,2-Tetrachloroethane	18.7		µg/kg wet		20.0		94	70-130	5	25
1,1,2,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95	70-130	3	25
Tetrachloroethene	18.0		µg/kg wet		20.0		90	70-130	2	25
Toluene	17.8		µg/kg wet		20.0		89	70-130	2	25
1,2,3-Trichlorobenzene	16.3		µg/kg wet		20.0		81	70-130	5	25
1,2,4-Trichlorobenzene	16.2		µg/kg wet		20.0		81	70-130	3	25
1,3,5-Trichlorobenzene	17.3		µg/kg wet		20.0		86	70-130	10	25
1,1,1-Trichloroethane	19.2		µg/kg wet		20.0		96	70-130	3	25
1,1,2-Trichloroethane	18.1		µg/kg wet		20.0		90	70-130	0.6	25
Trichloroethene	18.8		µg/kg wet		20.0		94	70-130	2	25
Trichlorofluoromethane (Freon 11)	19.6		µg/kg wet		20.0		98	50.9-138	5	50
1,2,3-Trichloropropane	16.6		µg/kg wet		20.0		83	70-130	0.2	25
1,2,4-Trimethylbenzene	18.3		µg/kg wet		20.0		92	70-130	1	25
1,3,5-Trimethylbenzene	18.9		µg/kg wet		20.0		95	70-130	1	25
Vinyl chloride	16.6		µg/kg wet		20.0		83	70-130	4	25
m,p-Xylene	39.9		µg/kg wet		40.0		100	70-130	0.3	25
o-Xylene	19.2		µg/kg wet		20.0		96	70-130	2	25
Tetrahydrofuran	18.2		µg/kg wet		20.0		91	70-130	5	25
Ethyl ether	19.3		µg/kg wet		20.0		97	61.4-130	9	50
Tert-amyl methyl ether	16.8		µg/kg wet		20.0		84	70-130	15	25
Ethyl tert-butyl ether	18.6		µg/kg wet		20.0		93	70-130	3	25
Di-isopropyl ether	20.6		µg/kg wet		20.0		103	70-130	3	25
Tert-Butanol / butyl alcohol	161		µg/kg wet		200		81	70-130	4	25
1,4-Dioxane	180		µg/kg wet		200		90	48.3-142	6	25
trans-1,4-Dichloro-2-butene	14.1		µg/kg wet		20.0		70	70-130	9	25
Ethanol	362		µg/kg wet		400		90	70-130	17	30
Surrogate: 4-Bromofluorobenzene	*48.1*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*49.0*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.6*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: Dibromofluoromethane	*50.0*		µg/kg wet		*50.0*		*100*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121225 - SW846 5035A Soil (low level)										
Blank (8121225-BLK1)										
Prepared & Analyzed: 15-Dec-08										
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						
n-Propylbenzene	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 8121225 - SW846 5035A Soil (low level)										
Blank (8121225-BLK1)										
Prepared & Analyzed: 15-Dec-08										
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						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	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						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*49.9*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*47.3*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*58.0*		µg/kg wet		*50.0*		*116*	*70-130*		
Surrogate: Dibromofluoromethane	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
LCS (8121225-BS1)										
Prepared & Analyzed: 15-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.2		µg/kg wet		20.0		106	70-130		
Acetone	8.8		µg/kg wet		20.0		44	0-168		
Acrylonitrile	17.1		µg/kg wet		20.0		85	70-130		
Benzene	20.9		µg/kg wet		20.0		105	70-130		
Bromobenzene	18.7		µg/kg wet		20.0		93	70-130		
Bromochloromethane	17.1		µg/kg wet		20.0		85	70-130		
Bromodichloromethane	19.2		µg/kg wet		20.0		96	70-130		
Bromoform	17.4		µg/kg wet		20.0		87	70-130		
Bromomethane	16.5		µg/kg wet		20.0		82	40.9-138		
2-Butanone (MEK)	14.8		µg/kg wet		20.0		74	29.8-145		
n-Butylbenzene	26.6	QC1	µg/kg wet		20.0		133	70-130		
sec-Butylbenzene	21.8		µg/kg wet		20.0		109	70-130		
tert-Butylbenzene	20.7		µg/kg wet		20.0		104	70-130		
Carbon disulfide	20.4		µg/kg wet		20.0		102	70-130		
Carbon tetrachloride	21.5		µg/kg wet		20.0		108	70-130		
Chlorobenzene	20.5		µg/kg wet		20.0		102	70-130		
Chloroethane	17.8		µg/kg wet		20.0		89	47.5-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121225 - SW846 5035A Soil (low level)										
LCS (8121225-BS1)										
Prepared & Analyzed: 15-Dec-08										
Chloroform	18.4		µg/kg wet		20.0		92	70-130		
Chloromethane	14.8		µg/kg wet		20.0		74	70-130		
2-Chlorotoluene	21.4		µg/kg wet		20.0		107	70-130		
4-Chlorotoluene	20.8		µg/kg wet		20.0		104	70-130		
1,2-Dibromo-3-chloropropane	20.1		µg/kg wet		20.0		100	70-130		
Dibromochloromethane	17.7		µg/kg wet		20.0		88	66.2-130		
1,2-Dibromoethane (EDB)	16.9		µg/kg wet		20.0		84	70-130		
Dibromomethane	17.0		µg/kg wet		20.0		85	70-130		
1,2-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,3-Dichlorobenzene	19.1		µg/kg wet		20.0		95	70-130		
1,4-Dichlorobenzene	20.9		µg/kg wet		20.0		104	70-130		
Dichlorodifluoromethane (Freon12)	16.4		µg/kg wet		20.0		82	32-158		
1,1-Dichloroethane	19.2		µg/kg wet		20.0		96	70-130		
1,2-Dichloroethane	18.5		µg/kg wet		20.0		92	70-130		
1,1-Dichloroethene	21.2		µg/kg wet		20.0		106	70-130		
cis-1,2-Dichloroethene	18.2		µg/kg wet		20.0		91	70-130		
trans-1,2-Dichloroethene	20.7		µg/kg wet		20.0		104	70-130		
1,2-Dichloropropane	19.1		µg/kg wet		20.0		96	70-130		
1,3-Dichloropropane	17.2		µg/kg wet		20.0		86	70-130		
2,2-Dichloropropane	19.0		µg/kg wet		20.0		95	70-130		
1,1-Dichloropropene	22.0		µg/kg wet		20.0		110	70-130		
cis-1,3-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130		
trans-1,3-Dichloropropene	18.4		µg/kg wet		20.0		92	70-130		
Ethylbenzene	21.7		µg/kg wet		20.0		108	70-130		
Hexachlorobutadiene	24.4		µg/kg wet		20.0		122	53.6-138		
2-Hexanone (MBK)	16.5		µg/kg wet		20.0		83	70-130		
Isopropylbenzene	22.5		µg/kg wet		20.0		112	70-130		
4-Isopropyltoluene	23.3		µg/kg wet		20.0		116	70-130		
Methyl tert-butyl ether	19.7		µg/kg wet		20.0		98	70-130		
4-Methyl-2-pentanone (MIBK)	18.1		µg/kg wet		20.0		90	53.5-137		
Methylene chloride	17.3		µg/kg wet		20.0		86	70-130		
Naphthalene	18.4		µg/kg wet		20.0		92	70-130		
n-Propylbenzene	22.3		µg/kg wet		20.0		112	70-130		
Styrene	20.3		µg/kg wet		20.0		101	70-130		
1,1,1,2-Tetrachloroethane	20.4		µg/kg wet		20.0		102	70-130		
1,1,2,2-Tetrachloroethane	17.7		µg/kg wet		20.0		88	70-130		
Tetrachloroethene	21.1		µg/kg wet		20.0		105	70-130		
Toluene	18.9		µg/kg wet		20.0		94	70-130		
1,2,3-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,2,4-Trichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,3,5-Trichlorobenzene	23.7		µg/kg wet		20.0		119	70-130		
1,1,1-Trichloroethane	20.9		µg/kg wet		20.0		104	70-130		
1,1,2-Trichloroethane	17.2		µg/kg wet		20.0		86	70-130		
Trichloroethene	19.7		µg/kg wet		20.0		99	70-130		
Trichlorofluoromethane (Freon 11)	20.9		µg/kg wet		20.0		105	50.9-138		
1,2,3-Trichloropropane	15.6		µg/kg wet		20.0		78	70-130		
1,2,4-Trimethylbenzene	20.9		µg/kg wet		20.0		104	70-130		
1,3,5-Trimethylbenzene	21.0		µg/kg wet		20.0		105	70-130		
Vinyl chloride	17.9		µg/kg wet		20.0		89	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121225 - SW846 5035A Soil (low level)										
LCS (8121225-BS1)										
Prepared & Analyzed: 15-Dec-08										
m,p-Xylene	43.0		µg/kg wet		40.0		108	70-130		
o-Xylene	20.4		µg/kg wet		20.0		102	70-130		
Tetrahydrofuran	18.5		µg/kg wet		20.0		92	70-130		
Ethyl ether	20.7		µg/kg wet		20.0		103	61.4-130		
Tert-amyl methyl ether	18.2		µg/kg wet		20.0		91	70-130		
Ethyl tert-butyl ether	20.0		µg/kg wet		20.0		100	70-130		
Di-isopropyl ether	21.2		µg/kg wet		20.0		106	70-130		
Tert-Butanol / butyl alcohol	171		µg/kg wet		200		86	70-130		
1,4-Dioxane	167		µg/kg wet		200		83	48.3-142		
trans-1,4-Dichloro-2-butene	15.7		µg/kg wet		20.0		78	70-130		
Ethanol	318		µg/kg wet		400		80	70-130		
Surrogate: 4-Bromofluorobenzene	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*49.4*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.8*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*47.6*		µg/kg wet		*50.0*		*95*	*70-130*		
LCS Dup (8121225-BSD1)										
Prepared & Analyzed: 15-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.2		µg/kg wet		20.0		96	70-130	10	25
Acetone	14.4		µg/kg wet		20.0		72	0-168	49	50
Acrylonitrile	17.9		µg/kg wet		20.0		89	70-130	5	25
Benzene	19.2		µg/kg wet		20.0		96	70-130	9	25
Bromobenzene	17.4		µg/kg wet		20.0		87	70-130	7	25
Bromochloromethane	15.1		µg/kg wet		20.0		75	70-130	12	25
Bromodichloromethane	18.3		µg/kg wet		20.0		92	70-130	5	25
Bromoform	17.6		µg/kg wet		20.0		88	70-130	2	25
Bromomethane	15.9		µg/kg wet		20.0		79	40.9-138	4	50
2-Butanone (MEK)	15.6		µg/kg wet		20.0		78	29.8-145	6	50
n-Butylbenzene	19.3	QR5	µg/kg wet		20.0		97	70-130	31	25
sec-Butylbenzene	18.5		µg/kg wet		20.0		93	70-130	16	25
tert-Butylbenzene	18.3		µg/kg wet		20.0		91	70-130	13	25
Carbon disulfide	18.5		µg/kg wet		20.0		93	70-130	10	25
Carbon tetrachloride	20.4		µg/kg wet		20.0		102	70-130	6	25
Chlorobenzene	18.8		µg/kg wet		20.0		94	70-130	9	25
Chloroethane	16.5		µg/kg wet		20.0		83	47.5-130	8	50
Chloroform	17.3		µg/kg wet		20.0		87	70-130	6	25
Chloromethane	13.7	QC1	µg/kg wet		20.0		69	70-130	7	25
2-Chlorotoluene	18.9		µg/kg wet		20.0		95	70-130	12	25
4-Chlorotoluene	18.1		µg/kg wet		20.0		90	70-130	14	25
1,2-Dibromo-3-chloropropane	19.3		µg/kg wet		20.0		96	70-130	4	25
Dibromochloromethane	17.6		µg/kg wet		20.0		88	66.2-130	0.3	50
1,2-Dibromoethane (EDB)	16.8		µg/kg wet		20.0		84	70-130	0.7	25
Dibromomethane	17.1		µg/kg wet		20.0		85	70-130	0.6	25
1,2-Dichlorobenzene	18.2		µg/kg wet		20.0		91	70-130	9	25
1,3-Dichlorobenzene	17.0		µg/kg wet		20.0		85	70-130	12	25
1,4-Dichlorobenzene	18.3		µg/kg wet		20.0		92	70-130	13	25
Dichlorodifluoromethane (Freon12)	14.0		µg/kg wet		20.0		70	32-158	16	50
1,1-Dichloroethane	18.2		µg/kg wet		20.0		91	70-130	6	25
1,2-Dichloroethane	18.5		µg/kg wet		20.0		93	70-130	0.4	25
1,1-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130	10	25
cis-1,2-Dichloroethene	17.8		µg/kg wet		20.0		89	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 8121225 - SW846 5035A Soil (low level)										
LCS Dup (8121225-BSD1)										
Prepared & Analyzed: 15-Dec-08										
trans-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130	3	25
1,2-Dichloropropane	19.1		µg/kg wet		20.0		96	70-130	0.2	25
1,3-Dichloropropane	17.1		µg/kg wet		20.0		86	70-130	0.7	25
2,2-Dichloropropane	17.5		µg/kg wet		20.0		87	70-130	8	25
1,1-Dichloropropene	19.8		µg/kg wet		20.0		99	70-130	10	25
cis-1,3-Dichloropropene	17.9		µg/kg wet		20.0		89	70-130	5	25
trans-1,3-Dichloropropene	17.5		µg/kg wet		20.0		88	70-130	5	25
Ethylbenzene	19.5		µg/kg wet		20.0		97	70-130	11	25
Hexachlorobutadiene	17.6		µg/kg wet		20.0		88	53.6-138	33	50
2-Hexanone (MBK)	17.7		µg/kg wet		20.0		89	70-130	7	25
Isopropylbenzene	20.5		µg/kg wet		20.0		102	70-130	9	25
4-Isopropyltoluene	19.0		µg/kg wet		20.0		95	70-130	20	25
Methyl tert-butyl ether	20.1		µg/kg wet		20.0		100	70-130	2	25
4-Methyl-2-pentanone (MIBK)	18.4		µg/kg wet		20.0		92	53.5-137	2	50
Methylene chloride	16.2		µg/kg wet		20.0		81	70-130	6	25
Naphthalene	16.2		µg/kg wet		20.0		81	70-130	13	25
n-Propylbenzene	19.1		µg/kg wet		20.0		96	70-130	16	25
Styrene	18.6		µg/kg wet		20.0		93	70-130	9	25
1,1,1,2-Tetrachloroethane	19.3		µg/kg wet		20.0		96	70-130	5	25
1,1,2,2-Tetrachloroethane	17.1		µg/kg wet		20.0		86	70-130	3	25
Tetrachloroethene	17.9		µg/kg wet		20.0		89	70-130	16	25
Toluene	16.8		µg/kg wet		20.0		84	70-130	12	25
1,2,3-Trichlorobenzene	16.4		µg/kg wet		20.0		82	70-130	21	25
1,2,4-Trichlorobenzene	16.5		µg/kg wet		20.0		82	70-130	25	25
1,3,5-Trichlorobenzene	18.4		µg/kg wet		20.0		92	70-130	25	25
1,1,1-Trichloroethane	19.7		µg/kg wet		20.0		98	70-130	6	25
1,1,2-Trichloroethane	17.5		µg/kg wet		20.0		88	70-130	2	25
Trichloroethene	19.1		µg/kg wet		20.0		96	70-130	3	25
Trichlorofluoromethane (Freon 11)	18.7		µg/kg wet		20.0		93	50.9-138	11	50
1,2,3-Trichloropropane	16.4		µg/kg wet		20.0		82	70-130	5	25
1,2,4-Trimethylbenzene	18.4		µg/kg wet		20.0		92	70-130	13	25
1,3,5-Trimethylbenzene	18.8		µg/kg wet		20.0		94	70-130	11	25
Vinyl chloride	15.7		µg/kg wet		20.0		79	70-130	13	25
m,p-Xylene	38.3		µg/kg wet		40.0		96	70-130	12	25
o-Xylene	18.4		µg/kg wet		20.0		92	70-130	10	25
Tetrahydrofuran	19.5		µg/kg wet		20.0		98	70-130	6	25
Ethyl ether	21.6		µg/kg wet		20.0		108	61.4-130	5	50
Tert-amyl methyl ether	16.3		µg/kg wet		20.0		82	70-130	11	25
Ethyl tert-butyl ether	19.7		µg/kg wet		20.0		99	70-130	1	25
Di-isopropyl ether	20.6		µg/kg wet		20.0		103	70-130	3	25
Tert-Butanol / butyl alcohol	186		µg/kg wet		200		93	70-130	8	25
1,4-Dioxane	166		µg/kg wet		200		83	48.3-142	0.7	25
trans-1,4-Dichloro-2-butene	16.8		µg/kg wet		20.0		84	70-130	7	25
Ethanol	305		µg/kg wet		400		76	70-130	4	30
Surrogate: 4-Bromofluorobenzene	*48.5*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*47.8*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.9*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*49.0*		µg/kg wet		*50.0*		*98*	*70-130*		

Matrix Spike (8121225-MS1) **Source: SA88663-03**

Prepared: 15-Dec-08 Analyzed: 16-Dec-08

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121225 - SW846 5035A Soil (low level)										
Matrix Spike (8121225-MS1) **Source: SA88663-03**										
Prepared: 15-Dec-08 Analyzed: 16-Dec-08										
Benzene	15.7		µg/kg dry		20.0	BRL	78	70-130		
Chlorobenzene	12.9	QM7	µg/kg dry		20.0	BRL	64	70-130		
1,1-Dichloroethene	17.0		µg/kg dry		20.0	BRL	85	70-130		
Toluene	14.8		µg/kg dry		20.0	0.1	73	70-130		
Trichloroethene	15.3		µg/kg dry		20.0	BRL	77	70-130		
Surrogate: 4-Bromofluorobenzene	*47.8*		µg/kg dry		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*48.8*		µg/kg dry		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*60.2*		µg/kg dry		*50.0*		*120*	*70-130*		
Surrogate: Dibromofluoromethane	*52.4*		µg/kg dry		*50.0*		*105*	*70-130*		
Matrix Spike Dup (8121225-MSD1) **Source: SA88663-03**										
Prepared: 15-Dec-08 Analyzed: 16-Dec-08										
Benzene	17.7		µg/kg dry		20.0	BRL	89	70-130	12	30
Chlorobenzene	15.3		µg/kg dry		20.0	BRL	77	70-130	18	30
1,1-Dichloroethene	20.1		µg/kg dry		20.0	BRL	100	70-130	17	30
Toluene	15.7		µg/kg dry		20.0	0.1	78	70-130	6	30
Trichloroethene	17.5		µg/kg dry		20.0	BRL	87	70-130	13	30
Surrogate: 4-Bromofluorobenzene	*50.8*		µg/kg dry		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.7*		µg/kg dry		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*59.9*		µg/kg dry		*50.0*		*120*	*70-130*		
Surrogate: Dibromofluoromethane	*55.0*		µg/kg dry		*50.0*		*110*	*70-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121406 - SW846 3550B										
Blank (8121406-BLK1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121406 - SW846 3550B										
Blank (8121406-BLK1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
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	*2650*		µg/kg wet		*3330*		*79*	*30-130*		
Surrogate: 2-Fluorophenol	*2780*		µg/kg wet		*3330*		*84*	*15-110*		
Surrogate: Nitrobenzene-d5	*2470*		µg/kg wet		*3330*		*74*	*30-130*		
Surrogate: Phenol-d5	*2410*		µg/kg wet		*3330*		*72*	*15-110*		
Surrogate: Terphenyl-d14	*2880*		µg/kg wet		*3330*		*86*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2810*		µg/kg wet		*3330*		*84*	*15-110*		
LCS (8121406-BS1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Acenaphthene	2700		µg/kg wet	330	3330		81	40-130		
Acenaphthylene	2810		µg/kg wet	330	3330		84	40-130		
Aniline	1270	QC2	µg/kg wet	330	3330		38	40-130		
Anthracene	2600		µg/kg wet	330	3330		78	40-130		
Atrazine	2270		µg/kg wet	330	3330		68	40-130		
Azobenzene/Diphenyldiazine	2460		µg/kg wet	330	3330		74	40-130		
Benzidine	BRL		µg/kg wet	330	3330			0-130		
Benzo (a) anthracene	2890		µg/kg wet	330	3330		87	40-130		
Benzo (a) pyrene	2600		µg/kg wet	330	3330		78	40-130		
Benzo (b) fluoranthene	2770		µg/kg wet	330	3330		83	40-130		
Benzo (g,h,i) perylene	2920		µg/kg wet	330	3330		88	40-130		
Benzo (k) fluoranthene	2380		µg/kg wet	330	3330		71	40-130		
Benzoic acid	2460		µg/kg wet	330	3330		74	3.25-130		
Benzyl alcohol	2520		µg/kg wet	330	3330		76	40-130		
Bis(2-chloroethoxy)methane	2790		µg/kg wet	330	3330		84	40-130		
Bis(2-chloroethyl)ether	2950		µg/kg wet	330	3330		88	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 8121406 - SW846 3550B										
LCS (8121406-BS1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Bis(2-chloroisopropyl)ether	2820		µg/kg wet	330	3330		85	40-130		
Bis(2-ethylhexyl)phthalate	3340		µg/kg wet	330	3330		100	40-130		
4-Bromophenyl phenyl ether	2830		µg/kg wet	330	3330		85	40-130		
Butyl benzyl phthalate	3210		µg/kg wet	330	3330		96	40-130		
Carbazole	2500		µg/kg wet	330	3330		75	40-130		
4-Chloro-3-methylphenol	2550		µg/kg wet	330	3330		77	40-130		
4-Chloroaniline	1930		µg/kg wet	330	3330		58	40-130		
2-Chloronaphthalene	2550		µg/kg wet	330	3330		76	40-130		
2-Chlorophenol	2560		µg/kg wet	330	3330		77	40-130		
4-Chlorophenyl phenyl ether	3170		µg/kg wet	330	3330		95	40-130		
Chrysene	2980		µg/kg wet	330	3330		89	40-130		
Dibenzo (a,h) anthracene	2950		µg/kg wet	330	3330		88	40-130		
Dibenzofuran	2580		µg/kg wet	330	3330		77	40-130		
1,2-Dichlorobenzene	2490		µg/kg wet	330	3330		75	40-130		
1,3-Dichlorobenzene	2440		µg/kg wet	330	3330		73	40-130		
1,4-Dichlorobenzene	2460		µg/kg wet	330	3330		74	40-130		
3,3'-Dichlorobenzidine	2210		µg/kg wet	330	3330		66	40-130		
2,4-Dichlorophenol	2660		µg/kg wet	330	3330		80	40-130		
Diethyl phthalate	3100		µg/kg wet	330	3330		93	40-130		
Dimethyl phthalate	3240		µg/kg wet	330	3330		97	40-130		
2,4-Dimethylphenol	2550		µg/kg wet	330	3330		76	40-130		
Di-n-butyl phthalate	2930		µg/kg wet	330	3330		88	40-130		
4,6-Dinitro-2-methylphenol	2490		µg/kg wet	330	3330		75	40-130		
2,4-Dinitrophenol	2430		µg/kg wet	330	3330		73	40-130		
2,4-Dinitrotoluene	2820		µg/kg wet	330	3330		85	40-130		
2,6-Dinitrotoluene	2730		µg/kg wet	330	3330		82	40-130		
Di-n-octyl phthalate	2720		µg/kg wet	330	3330		82	40-130		
Fluoranthene	2620		µg/kg wet	330	3330		79	40-130		
Fluorene	2670		µg/kg wet	330	3330		80	40-130		
Hexachlorobenzene	2400		µg/kg wet	330	3330		72	40-130		
Hexachlorobutadiene	2510		µg/kg wet	330	3330		75	40-130		
Hexachlorocyclopentadiene	2230		µg/kg wet	330	3330		67	40-130		
Hexachloroethane	2450		µg/kg wet	330	3330		73	40-130		
Indeno (1,2,3-cd) pyrene	3010		µg/kg wet	330	3330		90	40-130		
Isophorone	2450		µg/kg wet	330	3330		73	40-130		
1-Methylnaphthalene	2770		µg/kg wet	330	3330		83	40-140		
2-Methylnaphthalene	2510		µg/kg wet	330	3330		75	40-130		
2-Methylphenol	2520		µg/kg wet	330	3330		76	40-130		
3 & 4-Methylphenol	2770		µg/kg wet	330	3330		83	40-130		
Naphthalene	2530		µg/kg wet	330	3330		76	40-130		
2-Nitroaniline	2740		µg/kg wet	330	3330		82	40-130		
3-Nitroaniline	2270		µg/kg wet	330	3330		68	40-130		
4-Nitroaniline	2420		µg/kg wet	1320	3330		73	40-130		
Nitrobenzene	2420		µg/kg wet	330	3330		73	40-130		
2-Nitrophenol	2630		µg/kg wet	330	3330		79	40-130		
4-Nitrophenol	2970		µg/kg wet	1320	3330		89	40-130		
N-Nitrosodimethylamine	1010	QC2	µg/kg wet	330	3330		30	40-130		
N-Nitrosodi-n-propylamine	2840		µg/kg wet	330	3330		85	40-130		
N-Nitrosodiphenylamine	2840		µg/kg wet	330	3330		85	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 8121406 - SW846 3550B										
LCS (8121406-BS1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Pentachlorophenol	2520		µg/kg wet	330	3330		76	40-130		
Phenanthrene	2490		µg/kg wet	330	3330		75	40-130		
Phenol	2490		µg/kg wet	330	3330		75	40-130		
Pyrene	2890		µg/kg wet	330	3330		87	40-130		
Pyridine	99.3		µg/kg wet	330	3330		3	0-130		
1,2,4-Trichlorobenzene	2470		µg/kg wet	330	3330		74	40-130		
2,4,5-Trichlorophenol	2850		µg/kg wet	330	3330		86	40-130		
2,4,6-Trichlorophenol	2780		µg/kg wet	330	3330		83	40-130		
Pentachloronitrobenzene	2520		µg/kg wet	330	3330		75	40-140		
1,2,4,5-Tetrachlorobenzene	2470		µg/kg wet	330	3330		74	40-140		
Surrogate: 2-Fluorobiphenyl	*2610*		µg/kg wet		*3330*		*78*	*30-130*		
Surrogate: 2-Fluorophenol	*2540*		µg/kg wet		*3330*		*76*	*15-110*		
Surrogate: Nitrobenzene-d5	*2520*		µg/kg wet		*3330*		*76*	*30-130*		
Surrogate: Phenol-d5	*2270*		µg/kg wet		*3330*		*68*	*15-110*		
Surrogate: Terphenyl-d14	*2650*		µg/kg wet		*3330*		*79*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2760*		µg/kg wet		*3330*		*83*	*15-110*		
Duplicate (8121406-DUP1) **Source: SA88727-01**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Acenaphthene	BRL		µg/kg dry	409		BRL				50
Acenaphthylene	BRL		µg/kg dry	409		BRL				50
Aniline	BRL		µg/kg dry	409		BRL				50
Anthracene	BRL		µg/kg dry	409		BRL				50
Atrazine	BRL		µg/kg dry	409		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	409		BRL				50
Benzidine	BRL		µg/kg dry	409		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	409		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	409		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	409		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	409		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	409		BRL				50
Benzoic acid	BRL		µg/kg dry	409		BRL				50
Benzyl alcohol	BRL		µg/kg dry	409		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	409		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	409		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	409		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	409		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	409		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	409		BRL				50
Carbazole	BRL		µg/kg dry	409		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	409		BRL				50
4-Chloroaniline	BRL		µg/kg dry	409		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	409		BRL				50
2-Chlorophenol	BRL		µg/kg dry	409		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	409		BRL				50
Chrysene	BRL		µg/kg dry	409		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	409		BRL				50
Dibenzofuran	BRL		µg/kg dry	409		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	409		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	409		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	409		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121406 - SW846 3550B										
Duplicate (8121406-DUP1) **Source: SA88727-01**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
3,3'-Dichlorobenzidine	BRL		µg/kg dry	409		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	409		BRL				50
Diethyl phthalate	BRL		µg/kg dry	409		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	409		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	409		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	409		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	409		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	409		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	409		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	409		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	409		BRL				50
Fluoranthene	BRL		µg/kg dry	409		BRL				50
Fluorene	BRL		µg/kg dry	409		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	409		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	409		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	409		BRL				50
Hexachloroethane	BRL		µg/kg dry	409		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	409		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	409		BRL				50
Isophorone	BRL		µg/kg dry	409		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	409		BRL				50
2-Methylphenol	BRL		µg/kg dry	409		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	409		BRL				50
Naphthalene	BRL		µg/kg dry	409		BRL				50
2-Nitroaniline	BRL		µg/kg dry	409		BRL				50
3-Nitroaniline	BRL		µg/kg dry	409		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1640		BRL				50
Nitrobenzene	BRL		µg/kg dry	409		BRL				50
2-Nitrophenol	BRL		µg/kg dry	409		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1640		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	409		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	409		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	409		BRL				50
Pentachlorophenol	BRL		µg/kg dry	409		BRL				50
Phenanthrene	BRL		µg/kg dry	409		BRL				50
Phenol	BRL		µg/kg dry	409		BRL				50
Pyrene	BRL		µg/kg dry	409		BRL				50
Pyridine	BRL		µg/kg dry	409		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	409		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	409		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	409		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	409		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	409		BRL				50
Surrogate: 2-Fluorobiphenyl	*1260*		µg/kg dry		*2060*		*61*	*30-130*		
Surrogate: 2-Fluorophenol	*1390*		µg/kg dry		*2060*		*67*	*15-110*		
Surrogate: Nitrobenzene-d5	*1170*		µg/kg dry		*2060*		*57*	*30-130*		
Surrogate: Phenol-d5	*1170*		µg/kg dry		*2060*		*57*	*15-110*		
Surrogate: Terphenyl-dl4	*1380*		µg/kg dry		*2060*		*67*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1380*		µg/kg dry		*2060*		*67*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121406 - SW846 3550B										
Matrix Spike (8121406-MS1) Source: SA88727-01										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Acenaphthene	1570		µg/kg dry	205	2070	BRL	76	40-140		
Benzo (b) fluoranthene	1460		µg/kg dry	205	2070	BRL	71	40-140		
Benzo (k) fluoranthene	1540		µg/kg dry	205	2070	BRL	75	40-140		
4-Chloro-3-methylphenol	1460		µg/kg dry	205	2070	BRL	70	30-130		
2-Chlorophenol	1370		µg/kg dry	205	2070	BRL	66	30-130		
Chrysene	1790		µg/kg dry	205	2070	BRL	86	40-140		
1,4-Dichlorobenzene	1260		µg/kg dry	205	2070	BRL	61	40-140		
Indeno (1,2,3-cd) pyrene	1670		µg/kg dry	205	2070	BRL	81	40-140		
Naphthalene	1370		µg/kg dry	205	2070	BRL	66	40-140		
4-Nitrophenol	1670		µg/kg dry	820	2070	BRL	81	30-130		
N-Nitrosodi-n-propylamine	1570		µg/kg dry	205	2070	BRL	76	40-140		
Pentachlorophenol	1470		µg/kg dry	205	2070	BRL	71	30-130		
Phenol	1420		µg/kg dry	205	2070	BRL	69	30-130		
Pyrene	1670		µg/kg dry	205	2070	BRL	81	40-140		
1,2,4-Trichlorobenzene	1320		µg/kg dry	205	2070	BRL	64	40-140		
Surrogate: 2-Fluorobiphenyl	*1410*		µg/kg dry		*2070*		*68*	*30-130*		
Surrogate: 2-Fluorophenol	*1240*		µg/kg dry		*2070*		*60*	*15-110*		
Surrogate: Nitrobenzene-d5	*1280*		µg/kg dry		*2070*		*62*	*30-130*		
Surrogate: Phenol-d5	*1160*		µg/kg dry		*2070*		*56*	*15-110*		
Surrogate: Terphenyl-d14	*1470*		µg/kg dry		*2070*		*71*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1510*		µg/kg dry		*2070*		*73*	*15-110*		
Matrix Spike Dup (8121406-MSD1) Source: SA88727-01										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Acenaphthene	1360		µg/kg dry	205	2070	BRL	66	40-140	14	30
Benzo (b) fluoranthene	1330		µg/kg dry	205	2070	BRL	64	40-140	9	30
Benzo (k) fluoranthene	1370		µg/kg dry	205	2070	BRL	66	40-140	12	30
4-Chloro-3-methylphenol	1280		µg/kg dry	205	2070	BRL	62	30-130	13	30
2-Chlorophenol	1220		µg/kg dry	205	2070	BRL	59	30-130	11	30
Chrysene	1560		µg/kg dry	205	2070	BRL	76	40-140	13	30
1,4-Dichlorobenzene	1150		µg/kg dry	205	2070	BRL	56	40-140	9	30
Indeno (1,2,3-cd) pyrene	1460		µg/kg dry	205	2070	BRL	71	40-140	13	30
Naphthalene	1180		µg/kg dry	205	2070	BRL	57	40-140	15	30
4-Nitrophenol	1430		µg/kg dry	818	2070	BRL	69	30-130	15	30
N-Nitrosodi-n-propylamine	1410		µg/kg dry	205	2070	BRL	68	40-140	10	30
Pentachlorophenol	1330		µg/kg dry	205	2070	BRL	64	30-130	10	30
Phenol	1270		µg/kg dry	205	2070	BRL	62	30-130	11	30
Pyrene	1500		µg/kg dry	205	2070	BRL	73	40-140	10	30
1,2,4-Trichlorobenzene	1150		µg/kg dry	205	2070	BRL	56	40-140	14	30
Surrogate: 2-Fluorobiphenyl	*1210*		µg/kg dry		*2070*		*58*	*30-130*		
Surrogate: 2-Fluorophenol	*1110*		µg/kg dry		*2070*		*54*	*15-110*		
Surrogate: Nitrobenzene-d5	*1110*		µg/kg dry		*2070*		*54*	*30-130*		
Surrogate: Phenol-d5	*1030*		µg/kg dry		*2070*		*50*	*15-110*		
Surrogate: Terphenyl-d14	*1300*		µg/kg dry		*2070*		*63*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1370*		µg/kg dry		*2070*		*66*	*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 8121500 - SW846 3550B										
Blank (8121500-BLK1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
2,4,5-T	BRL		µg/kg wet	6.70						
2,4,5-T [2C]	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex)	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex) [2C]	BRL		µg/kg wet	6.70						
2,4-D	BRL		µg/kg wet	6.70						
2,4-D [2C]	BRL		µg/kg wet	6.70						
2,4-DB	BRL		µg/kg wet	6.70						
2,4-DB [2C]	BRL		µg/kg wet	6.70						
Dalapon	BRL		µg/kg wet	6.70						
Dalapon [2C]	BRL		µg/kg wet	6.70						
Dicamba	BRL		µg/kg wet	6.70						
Dicamba [2C]	BRL		µg/kg wet	6.70						
Dichlorprop	BRL		µg/kg wet	6.70						
Dichlorprop [2C]	BRL		µg/kg wet	6.70						
Dinoseb	BRL		µg/kg wet	6.70						
Dinoseb [2C]	BRL		µg/kg wet	6.70						
MCPA	BRL		µg/kg wet	670						
MCPA [2C]	BRL		µg/kg wet	670						
MCPB	BRL		µg/kg wet	670						
MCPB [2C]	BRL		µg/kg wet	670						
MCPP	BRL		µg/kg wet	670						
MCPP [2C]	BRL		µg/kg wet	670						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.7*		µg/kg wet		*13.3*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*15.7*		µg/kg wet		*13.3*		*118*	*30-150*		
LCS (8121500-BS1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
2,4,5-T	28.9		µg/kg wet	6.70	33.3		87	40-140		
2,4,5-T [2C]	30.7		µg/kg wet	6.70	33.3		92	40-140		
2,4,5-TP (Silvex)	28.6		µg/kg wet	6.70	33.3		86	40-140		
2,4,5-TP (Silvex) [2C]	29.8		µg/kg wet	6.70	33.3		89	40-140		
2,4-D	25.5		µg/kg wet	6.70	33.3		77	40-140		
2,4-D [2C]	24.8		µg/kg wet	6.70	33.3		74	40-140		
2,4-DB	27.3		µg/kg wet	6.70	33.3		82	40-140		
2,4-DB [2C]	28.1		µg/kg wet	6.70	33.3		84	40-140		
Dalapon	19.1		µg/kg wet	6.70	33.3		57	40-140		
Dalapon [2C]	23.9		µg/kg wet	6.70	33.3		72	40-140		
Dicamba	28.4		µg/kg wet	6.70	33.3		85	40-140		
Dicamba [2C]	30.6		µg/kg wet	6.70	33.3		92	40-140		
Dichlorprop	30.2		µg/kg wet	6.70	33.3		91	40-140		
Dichlorprop [2C]	29.3		µg/kg wet	6.70	33.3		88	40-140		
Dinoseb	32.5		µg/kg wet	6.70	33.3		97	40-140		
Dinoseb [2C]	35.0		µg/kg wet	6.70	33.3		105	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.3*		µg/kg wet		*13.3*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*17.5*		µg/kg wet		*13.3*		*131*	*30-150*		
LCS (8121500-BS2)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
MCPA	8930		µg/kg wet	670	10000		89	40-140		
MCPA [2C]	10700		µg/kg wet	670	10000		107	40-140		
MCPB	10100		µg/kg wet	670	10000		101	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121500 - SW846 3550B										
LCS (8121500-BS2)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
MCPB [2C]	11500		µg/kg wet	670	10000		115	40-140		
MCPP	9400		µg/kg wet	670	10000		94	40-140		
MCPP [2C]	9470		µg/kg wet	670	10000		95	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.3*		µg/kg wet		*13.3*		*122*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [;	*17.3*		µg/kg wet		*13.3*		*130*	*30-150*		
LCS Dup (8121500-BSD1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
2,4,5-T	29.2		µg/kg wet	6.70	33.3		88	40-140	0.9	25
2,4,5-T [2C]	29.6		µg/kg wet	6.70	33.3		89	40-140	4	25
2,4,5-TP (Silvex)	28.3		µg/kg wet	6.70	33.3		85	40-140	0.9	25
2,4,5-TP (Silvex) [2C]	29.9		µg/kg wet	6.70	33.3		90	40-140	0.4	25
2,4-D	28.0		µg/kg wet	6.70	33.3		84	40-140	9	25
2,4-D [2C]	26.3		µg/kg wet	6.70	33.3		79	40-140	6	25
2,4-DB	24.7		µg/kg wet	6.70	33.3		74	40-140	10	25
2,4-DB [2C]	26.5		µg/kg wet	6.70	33.3		79	40-140	6	25
Dalapon	21.2		µg/kg wet	6.70	33.3		64	40-140	10	25
Dalapon [2C]	22.1		µg/kg wet	6.70	33.3		66	40-140	8	25
Dicamba	27.0		µg/kg wet	6.70	33.3		81	40-140	5	25
Dicamba [2C]	29.5		µg/kg wet	6.70	33.3		88	40-140	4	25
Dichlorprop	29.0		µg/kg wet	6.70	33.3		87	40-140	4	25
Dichlorprop [2C]	27.1		µg/kg wet	6.70	33.3		81	40-140	8	25
Dinoseb	30.3		µg/kg wet	6.70	33.3		91	40-140	7	25
Dinoseb [2C]	33.6		µg/kg wet	6.70	33.3		101	40-140	4	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.2*		µg/kg wet		*13.3*		*106*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [;	*16.7*		µg/kg wet		*13.3*		*125*	*30-150*		
LCS Dup (8121500-BSD2)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
MCPA	8800		µg/kg wet	670	10000		88	40-140	2	25
MCPA [2C]	10700		µg/kg wet	670	10000		107	40-140	0.6	25
MCPB	9330		µg/kg wet	670	10000		93	40-140	8	25
MCPB [2C]	10300		µg/kg wet	670	10000		103	40-140	10	25
MCPP	9330		µg/kg wet	670	10000		93	40-140	0.7	25
MCPP [2C]	9330		µg/kg wet	670	10000		93	40-140	1	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.1*		µg/kg wet		*13.3*		*121*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [;	*17.3*		µg/kg wet		*13.3*		*130*	*30-150*		
Duplicate (8121500-DUP1) **Source: SA88727-01**										
Prepared: 18-Dec-08 Analyzed: 20-Dec-08										
2,4,5-T	BRL		µg/kg dry	6.70		BRL				30
2,4,5-T [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex) [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-D	BRL		µg/kg dry	6.70		BRL				30
2,4-D [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-DB	BRL		µg/kg dry	6.70		BRL				30
2,4-DB [2C]	BRL		µg/kg dry	6.70		BRL				30
Dalapon	BRL		µg/kg dry	6.70		BRL				30
Dalapon [2C]	BRL		µg/kg dry	6.70		BRL				30
Dicamba	BRL		µg/kg dry	6.70		BRL				30
Dicamba [2C]	BRL		µg/kg dry	6.70		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121500 - SW846 3550B										
Duplicate (8121500-DUP1) Source: SA88727-01										
Prepared: 18-Dec-08 Analyzed: 20-Dec-08										
Dichlorprop	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop [2C]	BRL		µg/kg dry	6.70		BRL				30
Dinoseb	BRL		µg/kg dry	6.70		BRL				30
Dinoseb [2C]	BRL		µg/kg dry	6.70		BRL				30
MCPA	BRL		µg/kg dry	670		BRL				30
MCPA [2C]	BRL		µg/kg dry	670		BRL				30
MCPB	BRL		µg/kg dry	670		BRL				30
MCPB [2C]	BRL		µg/kg dry	670		BRL				30
MCPP	BRL		µg/kg dry	670		BRL				30
MCPP [2C]	BRL		µg/kg dry	670		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.8*		µg/kg dry		*16.6*		*77*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*9.95*		µg/kg dry		*16.6*		*60*	*30-150*		
Batch 8121501 - SW846 3550B										
Blank (8121501-BLK1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
PCB 1016	BRL		µg/kg wet	20.0						
PCB 1221	BRL		µg/kg wet	20.0						
PCB 1232	BRL		µg/kg wet	20.0						
PCB 1242	BRL		µg/kg wet	20.0						
PCB 1248	BRL		µg/kg wet	20.0						
PCB 1254	BRL		µg/kg wet	20.0						
PCB 1260	BRL		µg/kg wet	20.0						
PCB 1262	BRL		µg/kg wet	20.0						
PCB 1268	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
LCS (8121501-BS1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
PCB 1016	247		µg/kg wet	20.0	250		99	40-140		
PCB 1260	278		µg/kg wet	20.0	250		111	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
LCS Dup (8121501-BSD1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
PCB 1016	233		µg/kg wet	20.0	250		93	40-140	6	30
PCB 1260	214		µg/kg wet	20.0	250		86	40-140	26	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Duplicate (8121501-DUP1) Source: SA88676-05										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
PCB 1016	BRL		µg/kg dry	25.2		BRL				40
PCB 1221	BRL		µg/kg dry	25.2		BRL				40
PCB 1232	BRL		µg/kg dry	25.2		BRL				40
PCB 1242	BRL		µg/kg dry	25.2		BRL				40
PCB 1248	BRL		µg/kg dry	25.2		BRL				40
PCB 1254	BRL		µg/kg dry	25.2		BRL				40
PCB 1260	BRL		µg/kg dry	25.2		BRL				40
PCB 1262	BRL		µg/kg dry	25.2		BRL				40
PCB 1268	BRL		µg/kg dry	25.2		BRL				40

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121501 - SW846 3550B										
Duplicate (8121501-DUP1) **Source: SA88676-05**										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*25.2*		µg/kg dry		*25.2*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*29.0*		µg/kg dry		*25.2*		*115*	*30-150*		
Matrix Spike (8121501-MS1) **Source: SA88676-05**										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
PCB 1016	318		µg/kg dry	25.3	315	BRL	101	40-140		
PCB 1260	323		µg/kg dry	25.3	315	BRL	102	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*26.5*		µg/kg dry		*25.2*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.0*		µg/kg dry		*25.2*		*95*	*30-150*		
Matrix Spike Dup (8121501-MSD1) **Source: SA88676-05**										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
PCB 1016	303		µg/kg dry	24.9	311	BRL	97	40-140	3	50
PCB 1260	297		µg/kg dry	24.9	311	BRL	96	40-140	7	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*24.9*		µg/kg dry		*24.9*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.1*		µg/kg dry		*24.9*		*85*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121402 - SW846 3550B										
Blank (8121402-BLK1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
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	*2.34*		mg/kg wet		*3.33*		*70*	*50-150*		
LCS (8121402-BS1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
C9-C36 Aliphatic Hydrocarbons	82.1		mg/kg wet	13.3	93.3		88	60-120		
Surrogate: 1-Chlorooctadecane	*2.01*		mg/kg wet		*3.33*		*60*	*50-150*		
Duplicate (8121402-DUP1) **Source: SA88727-01**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Gasoline	BRL		mg/kg dry	16.5		BRL				50
Fuel Oil #2	BRL		mg/kg dry	16.5		BRL				50
Fuel Oil #4	BRL		mg/kg dry	16.5		BRL				50
Fuel Oil #6	BRL		mg/kg dry	16.5		BRL				50
Motor Oil	BRL		mg/kg dry	16.5		BRL				50
Aviation Fuel	BRL		mg/kg dry	16.5		BRL				50
Unidentified	BRL		mg/kg dry	16.5		BRL				50
Other Oil	BRL		mg/kg dry	16.5		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	16.5		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	16.5		BRL				50
Surrogate: 1-Chlorooctadecane	*1.56*		mg/kg dry		*2.06*		*76*	*50-150*		
Matrix Spike (8121402-MS1) **Source: SA88727-01**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
C9-C36 Aliphatic Hydrocarbons	88.2		mg/kg dry	16.2	114	BRL	77	50-150		
Surrogate: 1-Chlorooctadecane	*2.13*		mg/kg dry		*4.07*		*52*	*50-150*		
Matrix Spike Dup (8121402-MSD1) **Source: SA88727-01**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
C9-C36 Aliphatic Hydrocarbons	83.8		mg/kg dry	16.7	117	BRL	72	50-150	8	30
Surrogate: 1-Chlorooctadecane	*2.15*		mg/kg dry		*4.17*		*52*	*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 8121126 - SW846 3050B										
Blank (8121126-BLK1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Lead	BRL		mg/kg wet	1.39						
Selenium	BRL		mg/kg wet	1.39						
Silver	BRL		mg/kg wet	1.39						
Chromium	BRL		mg/kg wet	0.928						
Arsenic	BRL		mg/kg wet	1.39						
Cadmium	BRL		mg/kg wet	0.464						
Barium	BRL		mg/kg wet	0.928						
Duplicate (8121126-DUP1) Source: SA88727-01										
Prepared: 18-Dec-08 Analyzed: 22-Dec-08										
Selenium	2.03		mg/kg dry	1.67		2.20			8	20
Lead	4.33		mg/kg dry	1.67		4.67			7	20
Chromium	12.3		mg/kg dry	1.11		12.9			5	20
Cadmium	0.435	J	mg/kg dry	0.557		0.494			13	20
Silver	0.418	J	mg/kg dry	1.67		BRL				20
Arsenic	0.652	J	mg/kg dry	1.67		0.723			10	20
Barium	41.8		mg/kg dry	1.11		43.0			3	20
Matrix Spike (8121126-MS1) Source: SA88727-02										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Lead	135		mg/kg dry	1.48	123	23.5	91	75-125		
Selenium	110		mg/kg dry	1.48	123	1.60	88	75-125		
Cadmium	124		mg/kg dry	0.493	123	0.707	100	75-125		
Silver	113		mg/kg dry	1.48	123	0.337	91	75-125		
Chromium	128		mg/kg dry	0.986	123	12.0	94	75-125		
Arsenic	119		mg/kg dry	1.48	123	2.55	94	75-125		
Barium	182		mg/kg dry	0.986	123	50.6	106	75-125		
Matrix Spike Dup (8121126-MSD1) Source: SA88727-02										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Lead	133		mg/kg dry	1.49	125	23.5	88	75-125	2	20
Selenium	110		mg/kg dry	1.49	125	1.60	87	75-125	0.8	20
Arsenic	117		mg/kg dry	1.49	125	2.55	92	75-125	1	20
Cadmium	122		mg/kg dry	0.498	125	0.707	97	75-125	1	20
Chromium	128		mg/kg dry	0.996	125	12.0	93	75-125	0.5	20
Silver	113		mg/kg dry	1.49	125	0.337	90	75-125	0.1	20
Barium	178		mg/kg dry	0.996	125	50.6	103	75-125	2	20
Post Spike (8121126-PS1) Source: SA88727-02										
Prepared: 18-Dec-08 Analyzed: 22-Dec-08										
Selenium	116		mg/kg dry	1.56	130	1.60	88	80-120		
Lead	142		mg/kg dry	1.56	130	23.5	92	80-120		
Chromium	133		mg/kg dry	1.04	130	12.0	94	80-120		
Arsenic	126		mg/kg dry	1.56	130	2.55	95	80-120		
Silver	121		mg/kg dry	1.56	130	0.337	93	80-120		
Cadmium	129		mg/kg dry	0.519	130	0.707	99	80-120		
Barium	178		mg/kg dry	1.04	130	50.6	98	80-120		
Reference (8121126-SRM1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Lead	64.4		mg/kg wet	1.50	68.4		94	80.9-119.9		
Selenium	94.4		mg/kg wet	1.50	100		94	79.9-119.6		

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 8121126 - SW846 3050B										
Reference (8121126-SRM1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Silver	31.0		mg/kg wet	1.50	31.4		99	66.2-133.7		
Cadmium	144		mg/kg wet	0.500	130		111	83.7-116.7		
Arsenic	62.1		mg/kg wet	1.50	61.9		100	82.9-117.1		
Chromium	72.6		mg/kg wet	1.00	69.4		105	81.9-118.1		
Barium	136		mg/kg wet	1.00	129		106	80.5-119.5		
Reference (8121126-SRM2)										
Prepared: 18-Dec-08 Analyzed: 22-Dec-08										
Selenium	98.0		mg/kg wet	1.50	101		97	79.9-119.6		
Lead	65.4		mg/kg wet	1.50	69.3		94	80.9-119.9		
Cadmium	138		mg/kg wet	0.500	132		105	83.7-116.7		
Silver	31.8		mg/kg wet	1.50	31.8		100	66.2-133.7		
Arsenic	62.6		mg/kg wet	1.50	62.7		100	82.9-117.1		
Chromium	68.8		mg/kg wet	1.00	70.3		98	81.9-118.1		
Barium	135		mg/kg wet	1.00	130		103	80.5-119.5		
Batch 8121127 - EPA200/SW7000 Series										
Blank (8121127-BLK1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Mercury	BRL		mg/kg wet	0.0277						
Duplicate (8121127-DUP1) **Source: SA88727-01**										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Mercury	BRL		mg/kg dry	0.0358		BRL				20
Matrix Spike (8121127-MS1) **Source: SA88727-02**										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Mercury	0.619		mg/kg dry	0.0301	0.417	0.175	106	75-125		
Matrix Spike Dup (8121127-MSD1) **Source: SA88727-02**										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Mercury	0.620		mg/kg dry	0.0309	0.429	0.175	104	75-125	0.2	20
Post Spike (8121127-PS1) **Source: SA88727-02**										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Mercury	0.681		mg/kg dry	0.0321	0.446	0.175	114	80-120		
Reference (8121127-SRM1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Mercury	2.33		mg/kg wet	0.0300	2.07		112	71.7-128		

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 9010116 - SW846 3010A										
Blank (9010116-BLK1)										
Prepared & Analyzed: 05-Jan-09										
Lead	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0100						
LCS (9010116-BS1)										
Prepared & Analyzed: 05-Jan-09										
Lead	2.45		mg/l	0.0150	2.50		98	85-115		
Chromium	2.61		mg/l	0.0100	2.50		104	85-115		
LCS Dup (9010116-BSD1)										
Prepared & Analyzed: 05-Jan-09										
Lead	2.42		mg/l	0.0150	2.50		97	85-115	1	20
Chromium	2.48		mg/l	0.0100	2.50		99	85-115	5	20
Duplicate (9010116-DUP1)	**Source: SA88675-10**									
Prepared & Analyzed: 05-Jan-09										
Lead	BRL		mg/l	0.0150		0.0069				20
Chromium	BRL		mg/l	0.0100		BRL				20
Matrix Spike (9010116-MS1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Lead	2.43		mg/l	0.0150	2.50	BRL	97	75-125		
Chromium	2.48		mg/l	0.0100	2.50	BRL	99	75-125		
Matrix Spike Dup (9010116-MSD1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Lead	2.42		mg/l	0.0150	2.50	BRL	97	75-125	0.5	20
Chromium	2.47		mg/l	0.0100	2.50	BRL	99	75-125	0.4	20
Post Spike (9010116-PS1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Lead	2.44		mg/l	0.0150	2.50	BRL	97	75-125		
Chromium	2.50		mg/l	0.0100	2.50	BRL	100	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121224 - General Preparation										
Duplicate (8121224-DUP1)	**Source: SA88708-02**									
Prepared & Analyzed: 15-Dec-08										
% Solids	85.6		%			85.4			0.2	20
Batch 8121226 - General Preparation										
Duplicate (8121226-DUP1)	**Source: SA88727-02**									
Prepared & Analyzed: 15-Dec-08										
% Solids	89.9		%			90.8			1	20

Notes and Definitions

QC1	Analyte out of acceptance range.
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.
QR5	RPD out of acceptance range.
VC10	The VOC preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.
VOC6	The production of Acetone and other ketones is commonly seen when using the SW 846 5035A extraction technique.
Z-2	The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.
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 and waste automobile oil
Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
Aviation Fuel - includes kerosene, Jet A and JP-4
Other Oil - includes lubricating and cutting oil, and silicon oil

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Leja

SA88727

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [x] 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: DAS # 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08010
Site Name: Hartford Busway
Location: Hartford State: CT
Sampler(s): Patrick deFauta

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

QA Reporting Notes: (check if needed)
- [ ] Provide MA DEP MCP CAM Report
- [ ] Provide CT DEP RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

* State specific reporting standards: CT

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC 8260	SVOC 8270	CT ETPH	PCB 8082	Herbicides 8151	Total RCRA 8 metals
88727-01	RSB-B22	12/10/08	840	G	SO	7	3	2			X	X	X	X	X	X
02	RSB-B23		905													
03	RSB-B24		935													
04	RSB-B25		1005													
05	RSB-B26		1030													
06	RSB-B27		1105													
07	RSB-B28		1135													
08	RSB-B29		1200													
09	RSB-B30		1300													
10	RSB-B31		1335													

- [ ] Fax results when available to (____) _____
- [x] E-mail to david.brassard@tetratech.com
EDD Format patrick-defauta

Condition upon receipt: [ ] Iced [ ] Ambient [x] °C 32

Relinquished by:	Received by:	Date:	Time:
Patrick deFauta	[illegible]	12/1/08	950
[illegible]	[illegible]	12/11/08	13:45

SA88727 ✓

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

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 Brossard

Invoice To: DAS # 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08010
Site Name: Hartford Busway
Location: Hartford State: CT
Sampler(s): Patrick deFaub

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

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DEP RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____
State specific reporting standards: CT

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	Total RCRA Metals	SPLP Pb, Cc	
88727 01	RSB-B22	12/10/08	840	G	SO	7	3	2			X	X	X	X	X	X		
02	RSB-B23		905															
03	RSB-B24		935															
04	RSB-B25		1005															
05	RSB-B26		1030															
06	RSB-B27		1105															
07	RSB-B28		1135															
08	RSB-B29		1200														X	ADDED 1/2/09
09	RSB-B30		1300															ANALYSIS
10	RSB-B31		1335															See attached

☐ Fax results when available to (____) _____
☒ E-mail to david.brossard@tetratech.com
EDD Format Patrick-deFaub

Condition upon receipt: ☐ Iced ☐ Ambient ☑ °C 32

Relinquished by:	Received by:	Date:	Time:
Patrick deFaub	[illegible]	12/11/08	950
[illegible]	[illegible]	12/11/08	13:45

Report Date:
08-Jan-09 12:49

☑ 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: Hartford Busway - Hartford, CT
Project 127-17797-08010

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA88894-01	RSB-B32	Soil	15-Dec-08 09:45	16-Dec-08 11:42
SA88894-02	RSB-B33	Soil	15-Dec-08 10:15	16-Dec-08 11:42
SA88894-03	RSB-B34	Soil	15-Dec-08 10:40	16-Dec-08 11:42
SA88894-04	RSB-B35	Soil	15-Dec-08 11:15	16-Dec-08 11:42
SA88894-05	RSB-B36	Soil	15-Dec-08 11:45	16-Dec-08 11:42
SA88894-06	RSB-B37	Soil	15-Dec-08 12:45	16-Dec-08 11:42
SA88894-07	RSB-B38	Soil	15-Dec-08 13:15	16-Dec-08 11:42
SA88894-08	RSB-B39	Soil	15-Dec-08 13:45	16-Dec-08 11:42
SA88894-09	RSB-B40	Soil	15-Dec-08 14:15	16-Dec-08 11:42
SA88894-10	RSB-B41	Soil	15-Dec-08 14:45	16-Dec-08 11:42

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

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

Authorized by:

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

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 88 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supercedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report is available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

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CASE NARRATIVE:

The samples were received 0.9 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.

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

SW846 7471A

Duplicates:

8121375-DUP1 *Source: SA88894-01*

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

Mercury

SW846 8151A

Samples:

S815343-CCV4

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]

S815382-CCV2

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

S815382-CCV4

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

S815382-CCV6

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

SW846 8260B

SW846 8260B

Laboratory Control Samples:

8121425-BS1

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

Chloromethane

8121425-BSD1

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

Chloromethane

The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

Tert-amyl methyl ether

8121526-BS1

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

Chloromethane

Analyte out of acceptance range.

2-Hexanone (MBK)

8121526-BSD1

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

Chloromethane

Analyte out of acceptance range.

Ethanol

SW846 8270C

Laboratory Control Samples:

8121497-BS1

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

2,4-Dinitrophenol
4,6-Dinitro-2-methylphenol
Hexachlorocyclopentadiene
N-Nitrosodimethylamine

8121601-BS1

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

4-Chloroaniline
Aniline

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B32 SA88894-01	127-17797-08010	Soil	15-Dec-08 09:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	16-Dec-08	16-Dec-08	8121391	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.47 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.4	1	SW846 8260B	17-Dec-08	17-Dec-08	8121425	X
67-64-1	Acetone	BRL		µg/kg dry	54.5	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.4	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	54.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.9	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	54.5	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	54.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	54.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.4	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B32 SA88894-01	127-17797-08010	Soil	15-Dec-08 09:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.47 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.4	1	SW846 8260B	17-Dec-08	17-Dec-08	8121425	X
100-42-5	Styrene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.4	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.4	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.9	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	54.5	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	54.5	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	109	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	27.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2180	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*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	359	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	359	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	359	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	359	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	359	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	359	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	359	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	359	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	359	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	359	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	359	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	359	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	359	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	359	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B32 SA88894-01	127-17797-08010	Soil	15-Dec-08 09:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	359	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	359	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	359	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	359	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	359	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	359	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	359	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	359	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	359	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	359	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	359	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	359	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	359	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	359	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	359	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	359	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	359	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	359	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	359	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	359	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	359	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	359	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	359	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	359	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	359	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	359	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1440	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1440	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	359	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	359	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B32 SA88894-01	127-17797-08010	Soil	15-Dec-08 09:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	359	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	359	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	359	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	359	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	359	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*70*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*77*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*67*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*67*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*80*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*77*		*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	21.1	1	SW846 8082	19-Dec-08	23-Dec-08	8121595	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.1	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.1	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.1	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*62*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*87*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	20-Dec-08	22-Dec-08	8121652	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*94*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B32 SA88894-01	127-17797-08010	Soil	15-Dec-08 09:45	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.5	1	+CT ETPH	18-Dec-08	19-Dec-08	8121498	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*110*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.52	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7440-38-2	Arsenic	1.87		mg/kg dry	1.52	1	"	"	"	"	X
7440-39-3	Barium	41.9		mg/kg dry	1.01	1	"	"	"	"	X
7440-43-9	Cadmium	0.546		mg/kg dry	0.505	1	"	"	"	"	X
7440-47-3	Chromium	8.74		mg/kg dry	1.01	1	"	"	"	"	X
7439-97-6	Mercury	1.87		mg/kg dry	0.0314	1	SW846 7471A	22-Dec-08	26-Dec-08	8121375	X
7439-92-1	Lead	19.5		mg/kg dry	1.52	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7782-49-2	Selenium	BRL		mg/kg dry	1.52	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	91.6		%		1	SM2540 G Mod.	16-Dec-08	16-Dec-08	8121384	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B33 SA88894-02	127-17797-08010	Soil	15-Dec-08 10:15	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	16-Dec-08	16-Dec-08	8121391	
Volatile Organic Compounds					Initial weight: 5.72 g						
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.8	1	SW846 8260B	17-Dec-08	17-Dec-08	8121425	X
67-64-1	Acetone	BRL		µg/kg dry	57.9	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	57.9	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	57.9	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	57.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	57.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.8	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B33 SA88894-02	127-17797-08010	Soil	15-Dec-08 10:15	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.72 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.8	1	SW846 8260B	17-Dec-08	17-Dec-08	8121425	X
100-42-5	Styrene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	57.9	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	57.9	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	116	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2310	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*96*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*101*		*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	373	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	373	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	373	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	373	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	373	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	373	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	373	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	373	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	373	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	373	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	373	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	373	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	373	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	373	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B33 SA88894-02	127-17797-08010	Soil	15-Dec-08 10:15	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	373	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	373	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	373	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	373	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	373	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	373	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	373	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	373	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	373	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	373	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	373	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	373	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	373	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	373	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	373	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	373	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	373	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	373	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	373	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	373	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	373	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	373	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	373	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	373	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	373	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	373	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	373	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	373	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	373	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	373	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	373	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	373	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	373	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	373	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	373	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	373	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	373	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	373	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	373	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	373	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	373	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	373	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	373	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	373	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1490	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	373	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	373	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1490	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	373	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	373	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B33 SA88894-02	127-17797-08010	Soil	15-Dec-08 10:15	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	373	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	373	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	373	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	373	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	373	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	373	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	373	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	373	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	373	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	373	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	373	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*64*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*71*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*63*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*76*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*71*		*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	22.7	1	SW846 8082	19-Dec-08	23-Dec-08	8121595	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.7	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.7	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.7	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.7	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.7	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.7	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.7	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.7	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*82*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*118*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	20-Dec-08	22-Dec-08	8121652	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*91*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B33 SA88894-02	127-17797-08010	Soil	15-Dec-08 10:15	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.0	1	+CT ETPH	18-Dec-08	19-Dec-08	8121498	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.0	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.0	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.0	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.0	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*104*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.45	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.45	1	"	"	"	"	X
7440-39-3	Barium	39.9		mg/kg dry	0.966	1	"	"	"	"	X
7440-43-9	Cadmium	0.527		mg/kg dry	0.483	1	"	"	"	"	X
7440-47-3	Chromium	9.74		mg/kg dry	0.966	1	"	"	"	"	X
7439-97-6	Mercury	0.143		mg/kg dry	0.0319	1	SW846 7471A	22-Dec-08	26-Dec-08	8121375	X
7439-92-1	Lead	9.81		mg/kg dry	1.45	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7782-49-2	Selenium	BRL		mg/kg dry	1.45	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	86.9		%		1	SM2540 G Mod.	16-Dec-08	16-Dec-08	8121384	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B34 SA88894-03	127-17797-08010	Soil	15-Dec-08 10:40	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	16-Dec-08	16-Dec-08	8121391	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.66 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.9	1	SW846 8260B	17-Dec-08	17-Dec-08	8121425	X
67-64-1	Acetone	BRL		µg/kg dry	68.7	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.9	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.9	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	13.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	68.7	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	34.4	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.9	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	13.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.7	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.7	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.9	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.7	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	68.7	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	68.7	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	68.7	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.9	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B34 SA88894-03	127-17797-08010	Soil	15-Dec-08 10:40	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.66 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.9	1	SW846 8260B	17-Dec-08	17-Dec-08	8121425	X
100-42-5	Styrene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.9	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.9	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	68.7	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	68.7	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	137	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	34.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2750	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*85*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*107*		*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	416	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	416	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	416	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	416	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	416	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	416	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	416	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	416	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	416	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	416	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	416	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	416	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	416	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	416	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B34 SA88894-03	127-17797-08010	Soil	15-Dec-08 10:40	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	416	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	416	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	416	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	416	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	416	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	416	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	416	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	416	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	416	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	416	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	416	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	416	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	416	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	416	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	416	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	416	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	416	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	416	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	416	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	416	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	416	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	416	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	416	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	416	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	416	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	416	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	416	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	416	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	416	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	416	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	416	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	416	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	416	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	416	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	416	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	416	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	416	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	416	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	416	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	416	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	416	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	416	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	416	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	416	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1660	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	416	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	416	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1660	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	416	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	416	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B34 SA88894-03	127-17797-08010	Soil	15-Dec-08 10:40	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	416	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	416	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	416	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	416	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	416	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	416	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	416	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	416	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	416	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	416	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	416	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*40*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*43*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*36*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*39*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*47*		*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 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	24.9	1	SW846 8082	19-Dec-08	23-Dec-08	8121595	X
11104-28-2	PCB 1221	BRL		µg/kg dry	24.9	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	24.9	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	24.9	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	24.9	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	24.9	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	24.9	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	24.9	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	24.9	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*88*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*144*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	20-Dec-08	22-Dec-08	8121652	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*74*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B34 SA88894-03	127-17797-08010	Soil	15-Dec-08 10:40	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	16.8	1	+CT ETPH	18-Dec-08	19-Dec-08	8121498	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.8	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.8	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.8	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.8	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.8	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	16.8	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	16.8	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	16.8	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	16.8	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*101*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.76	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7440-38-2	Arsenic	4.77		mg/kg dry	1.76	1	"	"	"	"	X
7440-39-3	Barium	81.8		mg/kg dry	1.17	1	"	"	"	"	X
7440-43-9	Cadmium	0.755		mg/kg dry	0.586	1	"	"	"	"	X
7440-47-3	Chromium	10.6		mg/kg dry	1.17	1	"	"	"	"	X
7439-97-6	Mercury	0.824		mg/kg dry	0.0353	1	SW846 7471A	22-Dec-08	26-Dec-08	8121375	X
7439-92-1	Lead	77.7		mg/kg dry	1.76	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7782-49-2	Selenium	BRL		mg/kg dry	1.76	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	02-Jan-09	02-Jan-09	9010069	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	SW846 1312/6010B	05-Jan-09	05-Jan-09	9010116	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	05-Jan-09	9010118	
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	05-Jan-09	9010116	
General Chemistry Parameters											
	% Solids	79.3		%		1	SM2540 G Mod.	16-Dec-08	16-Dec-08	8121384	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B35 SA88894-04	127-17797-08010	Soil	15-Dec-08 11:15	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	16-Dec-08	16-Dec-08	8121391	
Volatile Organic Compounds					Initial weight: 5.63 g						
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.1	1	SW846 8260B	17-Dec-08	17-Dec-08	8121425	X
67-64-1	Acetone	BRL		µg/kg dry	51.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.1	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.1	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	51.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	25.5	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.1	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.1	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	51.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	51.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	51.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.1	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B35 SA88894-04	127-17797-08010	Soil	15-Dec-08 11:15	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.63 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.1	1	SW846 8260B	17-Dec-08	17-Dec-08	8121425	X
100-42-5	Styrene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.1	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.1	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	51.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.1	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.1	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.1	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.1	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	51.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	102	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	25.5	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2040	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*93*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*96*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*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	350	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	350	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	350	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	350	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	350	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	350	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	350	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	350	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	350	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	350	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	350	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	350	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	350	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	350	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B35 SA88894-04	127-17797-08010	Soil	15-Dec-08 11:15	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	350	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	350	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	350	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	350	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	350	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	350	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	350	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	350	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	350	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	350	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	350	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	350	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	350	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	350	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	350	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	350	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	350	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	350	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	350	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	350	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	350	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	350	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	350	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	350	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	350	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	350	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	350	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	350	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	350	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	350	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	350	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	350	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	350	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	350	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	350	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	350	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	350	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	350	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	350	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	350	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	350	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	350	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	350	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	350	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1400	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	350	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	350	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1400	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	350	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	350	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B35 SA88894-04	127-17797-08010	Soil	15-Dec-08 11:15	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	350	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	350	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	350	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	350	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	350	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	350	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	350	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	350	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	350	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	350	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	350	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*70*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*61*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*63*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*76*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*71*		*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	20.9	1	SW846 8082	19-Dec-08	23-Dec-08	8121595	X
11104-28-2	PCB 1221	BRL		µg/kg dry	20.9	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	20.9	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	20.9	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	20.9	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	20.9	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	20.9	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	20.9	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	20.9	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*87*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*112*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	20-Dec-08	22-Dec-08	8121652	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*119*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B35 SA88894-04	127-17797-08010	Soil	15-Dec-08 11:15	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.1	1	+CT ETPH	18-Dec-08	19-Dec-08	8121498	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.1	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.1	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*104*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.50	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7440-38-2	Arsenic	3.74		mg/kg dry	1.50	1	"	"	"	"	X
7440-39-3	Barium	41.3		mg/kg dry	0.997	1	"	"	"	"	X
7440-43-9	Cadmium	0.568		mg/kg dry	0.499	1	"	"	"	"	X
7440-47-3	Chromium	8.26		mg/kg dry	0.997	1	"	"	"	"	X
7439-97-6	Mercury	0.313		mg/kg dry	0.0285	1	SW846 7471A	22-Dec-08	26-Dec-08	8121375	X
7439-92-1	Lead	31.1		mg/kg dry	1.50	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7782-49-2	Selenium	BRL		mg/kg dry	1.50	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	93.5		%		1	SM2540 G Mod.	16-Dec-08	16-Dec-08	8121384	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B36 SA88894-05	127-17797-08010	Soil	15-Dec-08 11:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	16-Dec-08	16-Dec-08	8121391	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.51 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.3	1	SW846 8260B	17-Dec-08	17-Dec-08	8121425	X
67-64-1	Acetone	BRL		µg/kg dry	53.1	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	53.1	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.6	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	53.1	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	53.1	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	53.1	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.3	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B36 SA88894-05	127-17797-08010	Soil	15-Dec-08 11:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.51 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.3	1	SW846 8260B	17-Dec-08	17-Dec-08	8121425	X
100-42-5	Styrene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.3	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	53.1	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	53.1	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	106	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	26.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2120	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*93*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*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	351	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	351	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	351	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	351	1	"	"	"	"	X
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	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	351	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	351	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	351	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	351	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	351	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	351	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	351	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B36 SA88894-05	127-17797-08010	Soil	15-Dec-08 11:45	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	351	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	351	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	351	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	351	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	351	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	351	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	351	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	351	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	351	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	351	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	351	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	351	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	351	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	351	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	351	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	351	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	351	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	351	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	351	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	351	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	351	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	351	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	351	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	351	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	351	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	351	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	351	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	351	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	351	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	351	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	351	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	351	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	351	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	351	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	351	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	351	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	351	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	351	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	351	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	351	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	351	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	351	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	351	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	351	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1400	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	351	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	351	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1400	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	351	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	351	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B36 SA88894-05	127-17797-08010	Soil	15-Dec-08 11:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	351	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	351	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	351	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	351	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	351	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	351	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	351	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	351	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	351	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	351	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	351	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*39*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*40*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*35*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*37*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*45*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*39*		*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	21.4	1	SW846 8082	19-Dec-08	23-Dec-08	8121595	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.4	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.4	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.4	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.4	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*82*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	20-Dec-08	22-Dec-08	8121652	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*126*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B36 SA88894-05	127-17797-08010	Soil	15-Dec-08 11:45	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.2	1	+CT ETPH	18-Dec-08	19-Dec-08	8121498	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.2	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.2	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*100*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.42	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7440-38-2	Arsenic	1.75		mg/kg dry	1.42	1	"	"	"	"	X
7440-39-3	Barium	46.4		mg/kg dry	0.945	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.472	1	"	"	"	"	X
7440-47-3	Chromium	9.17		mg/kg dry	0.945	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0289	1	SW846 7471A	22-Dec-08	26-Dec-08	8121375	X
7439-92-1	Lead	13.2		mg/kg dry	1.42	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7782-49-2	Selenium	BRL		mg/kg dry	1.42	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	92.5		%		1	SM2540 G Mod.	16-Dec-08	16-Dec-08	8121384	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B37 SA88894-06	127-17797-08010	Soil	15-Dec-08 12:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	16-Dec-08	16-Dec-08	8121391	
Volatile Organic Compounds						Initial weight: 5.29 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.0	1	SW846 8260B	17-Dec-08	17-Dec-08	8121425	X
67-64-1	Acetone	BRL		µg/kg dry	59.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	59.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	29.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	59.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	59.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	59.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B37 SA88894-06	127-17797-08010	Soil	15-Dec-08 12:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.29 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.0	1	SW846 8260B	17-Dec-08	17-Dec-08	8121425	X
100-42-5	Styrene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	59.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	59.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	120	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	29.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2390	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*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	372	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	372	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	372	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	372	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	372	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	372	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	372	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	372	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	372	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	372	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	372	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	372	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	372	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	372	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B37 SA88894-06	127-17797-08010	Soil	15-Dec-08 12:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	372	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	372	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	372	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	372	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	372	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	372	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	372	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	372	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	372	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	372	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	372	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	372	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	372	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	372	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	372	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	372	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	372	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	372	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	372	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	372	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	372	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	372	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	372	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	372	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	372	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	372	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	372	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	372	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	372	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	372	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	372	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	372	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	372	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	372	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	372	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	372	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	372	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	372	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	372	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	372	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	372	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	372	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	372	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	372	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1490	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	372	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	372	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1490	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	372	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	372	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B37 SA88894-06	127-17797-08010	Soil	15-Dec-08 12:45	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	372	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	372	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	372	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	372	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	372	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	372	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	372	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	372	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	372	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	372	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	372	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*70*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*73*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*62*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*65*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*79*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*74*		*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	21.6	1	SW846 8082	19-Dec-08	23-Dec-08	8121595	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.6	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.6	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.6	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.6	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*81*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	20-Dec-08	22-Dec-08	8121652	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B37 SA88894-06	127-17797-08010	Soil	15-Dec-08 12:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.0	1	+CT ETPH	18-Dec-08	19-Dec-08	8121498	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.0	1	"	"	"	"	
M99800000	Motor Oil	BRL		mg/kg dry	15.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.0	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.0	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.0	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*102*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.65	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.65	1	"	"	"	"	X
7440-39-3	Barium	44.6		mg/kg dry	1.10	1	"	"	"	"	X
7440-43-9	Cadmium	0.680		mg/kg dry	0.548	1	"	"	"	"	X
7440-47-3	Chromium	11.6		mg/kg dry	1.10	1	"	"	"	"	X
7439-97-6	Mercury	0.0473		mg/kg dry	0.0324	1	SW846 7471A	22-Dec-08	26-Dec-08	8121375	X
7439-92-1	Lead	9.66		mg/kg dry	1.65	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7782-49-2	Selenium	BRL		mg/kg dry	1.65	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	88.6		%		1	SM2540 G Mod.	16-Dec-08	16-Dec-08	8121384	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B38 SA88894-07	127-17797-08010	Soil	15-Dec-08 13:15	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	16-Dec-08	16-Dec-08	8121391	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.59 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.1	1	SW846 8260B	17-Dec-08	17-Dec-08	8121425	X
67-64-1	Acetone	BRL		µg/kg dry	51.1	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.1	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.1	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	51.1	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	25.5	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.1	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.1	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	51.1	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	51.1	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	51.1	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.1	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B38 SA88894-07	127-17797-08010	Soil	15-Dec-08 13:15	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.59 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.1	1	SW846 8260B	17-Dec-08	17-Dec-08	8121425	X
100-42-5	Styrene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.1	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.1	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	51.1	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.1	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.1	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.1	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.1	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	51.1	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	102	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	25.5	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2040	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*104*		*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	344	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	344	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	344	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	344	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	344	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	344	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	344	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	344	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	344	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	344	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	344	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	344	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	344	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	344	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B38 SA88894-07	127-17797-08010	Soil	15-Dec-08 13:15	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	344	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	344	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	344	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	344	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	344	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	344	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	344	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	344	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	344	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	344	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	344	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	344	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	344	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	344	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	344	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	344	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	344	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	344	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	344	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	344	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	344	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	344	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	344	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	344	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	344	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	344	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	344	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	344	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	344	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	344	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	344	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	344	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	344	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	344	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	344	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	344	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	344	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	344	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	344	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	344	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	344	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	344	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	344	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	344	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1380	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	344	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	344	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1380	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	344	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	344	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B38 SA88894-07	127-17797-08010	Soil	15-Dec-08 13:15	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	344	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	344	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	344	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	344	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	344	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	344	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	344	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	344	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	344	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	344	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	344	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*65*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*55*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*58*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*71*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*64*		*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	20.7	1	SW846 8082	19-Dec-08	23-Dec-08	8121595	X
11104-28-2	PCB 1221	BRL		µg/kg dry	20.7	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	20.7	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	20.7	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	20.7	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	20.7	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	20.7	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	20.7	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	20.7	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*84*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*122*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	20-Dec-08	22-Dec-08	8121652	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*92*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B38 SA88894-07	127-17797-08010	Soil	15-Dec-08 13:15	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	13.9	1	+CT ETPH	18-Dec-08	19-Dec-08	8121498	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	13.9	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	13.9	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	13.9	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	13.9	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	13.9	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	13.9	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	13.9	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	13.9	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	13.9	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*95*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.51	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7440-38-2	Arsenic	2.25		mg/kg dry	1.51	1	"	"	"	"	X
7440-39-3	Barium	30.9		mg/kg dry	1.01	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.503	1	"	"	"	"	X
7440-47-3	Chromium	8.80		mg/kg dry	1.01	1	"	"	"	"	X
7439-97-6	Mercury	0.101		mg/kg dry	0.0292	1	SW846 7471A	22-Dec-08	26-Dec-08	8121375	X
7439-92-1	Lead	17.5		mg/kg dry	1.51	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7782-49-2	Selenium	BRL		mg/kg dry	1.51	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	93.7		%		1	SM2540 G Mod.	16-Dec-08	16-Dec-08	8121384	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B39 SA88894-08	127-17797-08010	Soil	15-Dec-08 13:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	16-Dec-08	16-Dec-08	8121391	
Volatile Organic Compounds					Initial weight: 5.73 g						
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.5	1	SW846 8260B	17-Dec-08	17-Dec-08	8121425	X
67-64-1	Acetone	BRL		µg/kg dry	55.4	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	55.4	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.7	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	55.4	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	55.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	55.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.5	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B39 SA88894-08	127-17797-08010	Soil	15-Dec-08 13:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.73 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.5	1	SW846 8260B	17-Dec-08	17-Dec-08	8121425	X
100-42-5	Styrene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	55.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	55.4	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	111	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	27.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2220	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*104*		*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	371	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	371	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	371	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	371	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	371	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	371	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	371	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	371	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	371	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	371	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	371	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	371	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	371	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	371	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B39 SA88894-08	127-17797-08010	Soil	15-Dec-08 13:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	371	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	371	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	371	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	371	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	371	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	371	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	371	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	371	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	371	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	371	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	371	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	371	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	371	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	371	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	371	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	371	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	371	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	371	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	371	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	371	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	371	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	371	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	371	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	371	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	371	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	371	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	371	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	371	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	371	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	371	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	371	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	371	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1480	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1480	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	371	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	371	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B39 SA88894-08	127-17797-08010	Soil	15-Dec-08 13:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	371	1	SW846 8270C	18-Dec-08	23-Dec-08	8121497	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	371	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	371	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	371	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	371	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*55*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*58*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*51*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*50*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*62*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*53*		*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	21.6	1	SW846 8082	22-Dec-08	24-Dec-08	8121661	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.6	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.6	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.6	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.6	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	20-Dec-08	22-Dec-08	8121652	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*71*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B39 SA88894-08	127-17797-08010	Soil	15-Dec-08 13:45	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.0	1	+CT ETPH	18-Dec-08	19-Dec-08	8121498	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.0	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.0	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.0	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.0	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*106*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.60	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.60	1	"	"	"	"	X
7440-39-3	Barium	30.1		mg/kg dry	1.07	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.534	1	"	"	"	"	X
7440-47-3	Chromium	6.72		mg/kg dry	1.07	1	"	"	"	"	X
7439-97-6	Mercury	0.0512		mg/kg dry	0.0314	1	SW846 7471A	22-Dec-08	26-Dec-08	8121375	X
7439-92-1	Lead	8.74		mg/kg dry	1.60	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7782-49-2	Selenium	BRL		mg/kg dry	1.60	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	88.9		%		1	SM2540 G Mod.	16-Dec-08	16-Dec-08	8121385	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B40 SA88894-09	127-17797-08010	Soil	15-Dec-08 14:15	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	16-Dec-08	16-Dec-08	8121391	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.93 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.3	1	SW846 8260B	18-Dec-08	18-Dec-08	8121526	X
67-64-1	Acetone	BRL		µg/kg dry	52.5	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	52.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.3	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.5	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.5	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	52.5	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	52.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	52.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.3	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B40 SA88894-09	127-17797-08010	Soil	15-Dec-08 14:15	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.93 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.3	1	SW846 8260B	18-Dec-08	18-Dec-08	8121526	X
100-42-5	Styrene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.3	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	52.5	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	52.5	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	105	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	26.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2100	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*89*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*94*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*104*		*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	361	1	SW846 8270C	19-Dec-08	26-Dec-08	8121601	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	361	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	361	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	361	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	361	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	361	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	361	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	361	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	361	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	361	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	361	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	361	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	361	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	361	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B40 SA88894-09	127-17797-08010	Soil	15-Dec-08 14:15	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	361	1	SW846 8270C	19-Dec-08	26-Dec-08	8121601	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	361	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	361	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	361	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	361	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	361	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	361	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	361	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	361	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	361	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	361	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	361	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	361	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	361	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	361	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	361	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	361	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	361	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	361	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	361	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	361	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	361	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	361	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	361	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	361	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	361	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	361	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	361	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	361	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	361	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	361	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1440	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1440	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	361	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	361	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B40 SA88894-09	127-17797-08010	Soil	15-Dec-08 14:15	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	361	1	SW846 8270C	19-Dec-08	26-Dec-08	8121601	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	361	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	361	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	361	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	361	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*72*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*63*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*63*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*78*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*71*		*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	20.8	1	SW846 8082	22-Dec-08	24-Dec-08	8121661	X
11104-28-2	PCB 1221	BRL		µg/kg dry	20.8	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	20.8	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	20.8	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	20.8	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	20.8	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	20.8	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	20.8	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	20.8	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	20-Dec-08	22-Dec-08	8121652	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B40 SA88894-09	127-17797-08010	Soil	15-Dec-08 14:15	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.5	1	+CT ETPH	19-Dec-08	23-Dec-08	8121596	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*110*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.48	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.48	1	"	"	"	"	X
7440-39-3	Barium	28.4		mg/kg dry	0.986	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.493	1	"	"	"	"	X
7440-47-3	Chromium	7.02		mg/kg dry	0.986	1	"	"	"	"	X
7439-97-6	Mercury	0.176		mg/kg dry	0.0290	1	SW846 7471A	22-Dec-08	26-Dec-08	8121375	X
7439-92-1	Lead	21.9		mg/kg dry	1.48	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7782-49-2	Selenium	BRL		mg/kg dry	1.48	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	89.9		%		1	SM2540 G Mod.	16-Dec-08	16-Dec-08	8121385	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B41 SA88894-10	127-17797-08010	Soil	15-Dec-08 14:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	16-Dec-08	16-Dec-08	8121391	
Volatile Organic Compounds						Initial weight: 6.02 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.5	1	SW846 8260B	18-Dec-08	18-Dec-08	8121526	X
67-64-1	Acetone	BRL		µg/kg dry	45.4	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	45.4	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	22.7	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	45.4	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	45.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	45.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.5	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B41 SA88894-10	127-17797-08010	Soil	15-Dec-08 14:45	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.02 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.5	1	SW846 8260B	18-Dec-08	18-Dec-08	8121526	X
100-42-5	Styrene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	45.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	45.4	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	90.7	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	22.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1810	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*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	343	1	SW846 8270C	19-Dec-08	26-Dec-08	8121601	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	343	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	343	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	343	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	343	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	343	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	343	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	343	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	343	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	343	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	343	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	343	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	343	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	343	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B41 SA88894-10	127-17797-08010	Soil	15-Dec-08 14:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	343	1	SW846 8270C	19-Dec-08	26-Dec-08	8121601	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	343	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	343	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	343	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	343	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	343	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	343	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	343	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	343	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	343	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	343	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	343	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	343	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	343	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	343	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	343	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	343	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	343	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	343	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	343	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	343	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	343	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	343	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	343	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	343	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	343	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	343	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	343	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	343	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	343	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	343	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	343	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	343	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	343	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	343	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	343	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	343	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	343	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	343	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	343	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	343	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	343	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	343	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	343	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1370	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	343	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	343	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1370	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	343	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	343	1	"	"	"	"	X

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B41 SA88894-10	127-17797-08010	Soil	15-Dec-08 14:45	16-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	343	1	SW846 8270C	19-Dec-08	26-Dec-08	8121601	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	343	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	343	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	343	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	343	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	343	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	343	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	343	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	343	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	343	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	343	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*72*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*78*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*70*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*68*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*89*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*79*		*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	20.1	1	SW846 8082	22-Dec-08	24-Dec-08	8121661	X
11104-28-2	PCB 1221	BRL		µg/kg dry	20.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	20.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	20.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	20.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	20.1	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	20.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	20.1	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	20.1	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	20-Dec-08	23-Dec-08	8121652	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*51*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B41 SA88894-10	127-17797-08010	Soil	15-Dec-08 14:45	16-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	13.8	1	+CT ETPH	19-Dec-08	23-Dec-08	8121596	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	13.8	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	13.8	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	13.8	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	13.8	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	13.8	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	13.8	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	13.8	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	13.8	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	13.8	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*99*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.31	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.31	1	"	"	"	"	X
7440-39-3	Barium	33.5		mg/kg dry	0.871	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.436	1	"	"	"	"	X
7440-47-3	Chromium	8.60		mg/kg dry	0.871	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0284	1	SW846 7471A	22-Dec-08	26-Dec-08	8121375	X
7439-92-1	Lead	6.30		mg/kg dry	1.31	1	SW846 6010B	23-Dec-08	26-Dec-08	8121374	X
7782-49-2	Selenium	BRL		mg/kg dry	1.31	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	96.0		%		1	SM2540 G Mod.	16-Dec-08	16-Dec-08	8121385	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121425 - SW846 5035A Soil (low level)										
Blank (8121425-BLK1)										
Prepared & Analyzed: 17-Dec-08										
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 8121425 - SW846 5035A Soil (low level)										
Blank (8121425-BLK1)										
Prepared & Analyzed: 17-Dec-08										
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						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	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						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*47.6*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*59.5*		µg/kg wet		*50.0*		*119*	*70-130*		
Surrogate: Dibromofluoromethane	*54.7*		µg/kg wet		*50.0*		*109*	*70-130*		
LCS (8121425-BS1)										
Prepared & Analyzed: 17-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.5		µg/kg wet		20.0		98	70-130		
Acetone	13.8		µg/kg wet		20.0		69	0-168		
Acrylonitrile	17.6		µg/kg wet		20.0		88	70-130		
Benzene	20.0		µg/kg wet		20.0		100	70-130		
Bromobenzene	18.0		µg/kg wet		20.0		90	70-130		
Bromochloromethane	16.6		µg/kg wet		20.0		83	70-130		
Bromodichloromethane	19.0		µg/kg wet		20.0		95	70-130		
Bromoform	18.6		µg/kg wet		20.0		93	70-130		
Bromomethane	15.1		µg/kg wet		20.0		76	40.9-138		
2-Butanone (MEK)	15.5		µg/kg wet		20.0		77	29.8-145		
n-Butylbenzene	19.9		µg/kg wet		20.0		99	70-130		
sec-Butylbenzene	19.2		µg/kg wet		20.0		96	70-130		
tert-Butylbenzene	18.2		µg/kg wet		20.0		91	70-130		
Carbon disulfide	19.8		µg/kg wet		20.0		99	70-130		
Carbon tetrachloride	20.4		µg/kg wet		20.0		102	70-130		
Chlorobenzene	19.5		µg/kg wet		20.0		97	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121425 - SW846 5035A Soil (low level)										
LCS (8121425-BS1)										
Prepared & Analyzed: 17-Dec-08										
Chloroethane	16.7		µg/kg wet		20.0		83	47.5-130		
Chloroform	18.0		µg/kg wet		20.0		90	70-130		
Chloromethane	13.8	QC2	µg/kg wet		20.0		69	70-130		
2-Chlorotoluene	19.5		µg/kg wet		20.0		97	70-130		
4-Chlorotoluene	18.4		µg/kg wet		20.0		92	70-130		
1,2-Dibromo-3-chloropropane	18.9		µg/kg wet		20.0		95	70-130		
Dibromochloromethane	18.7		µg/kg wet		20.0		94	66.2-130		
1,2-Dibromoethane (EDB)	17.3		µg/kg wet		20.0		87	70-130		
Dibromomethane	17.3		µg/kg wet		20.0		87	70-130		
1,2-Dichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,3-Dichlorobenzene	17.3		µg/kg wet		20.0		86	70-130		
1,4-Dichlorobenzene	19.3		µg/kg wet		20.0		96	70-130		
Dichlorodifluoromethane (Freon12)	13.5		µg/kg wet		20.0		68	32-158		
1,1-Dichloroethane	18.0		µg/kg wet		20.0		90	70-130		
1,2-Dichloroethane	18.9		µg/kg wet		20.0		94	70-130		
1,1-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130		
cis-1,2-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130		
trans-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130		
1,2-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130		
1,3-Dichloropropane	17.4		µg/kg wet		20.0		87	70-130		
2,2-Dichloropropane	19.2		µg/kg wet		20.0		96	70-130		
1,1-Dichloropropene	19.4		µg/kg wet		20.0		97	70-130		
cis-1,3-Dichloropropene	17.7		µg/kg wet		20.0		89	70-130		
trans-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130		
Ethylbenzene	19.8		µg/kg wet		20.0		99	70-130		
Hexachlorobutadiene	17.7		µg/kg wet		20.0		89	53.6-138		
2-Hexanone (MBK)	18.8		µg/kg wet		20.0		94	70-130		
Isopropylbenzene	20.2		µg/kg wet		20.0		101	70-130		
4-Isopropyltoluene	19.4		µg/kg wet		20.0		97	70-130		
Methyl tert-butyl ether	20.2		µg/kg wet		20.0		101	70-130		
4-Methyl-2-pentanone (MIBK)	15.9		µg/kg wet		20.0		79	53.5-137		
Methylene chloride	17.1		µg/kg wet		20.0		85	70-130		
Naphthalene	17.6		µg/kg wet		20.0		88	70-130		
n-Propylbenzene	19.5		µg/kg wet		20.0		97	70-130		
Styrene	18.9		µg/kg wet		20.0		94	70-130		
1,1,1,2-Tetrachloroethane	20.1		µg/kg wet		20.0		100	70-130		
1,1,2,2-Tetrachloroethane	19.2		µg/kg wet		20.0		96	70-130		
Tetrachloroethene	17.2		µg/kg wet		20.0		86	70-130		
Toluene	16.6		µg/kg wet		20.0		83	70-130		
1,2,3-Trichlorobenzene	18.4		µg/kg wet		20.0		92	70-130		
1,2,4-Trichlorobenzene	18.2		µg/kg wet		20.0		91	70-130		
1,3,5-Trichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
1,1,1-Trichloroethane	19.1		µg/kg wet		20.0		95	70-130		
1,1,2-Trichloroethane	17.9		µg/kg wet		20.0		89	70-130		
Trichloroethene	18.9		µg/kg wet		20.0		94	70-130		
Trichlorofluoromethane (Freon 11)	19.2		µg/kg wet		20.0		96	50.9-138		
1,2,3-Trichloropropane	17.2		µg/kg wet		20.0		86	70-130		
1,2,4-Trimethylbenzene	18.8		µg/kg wet		20.0		94	70-130		
1,3,5-Trimethylbenzene	18.9		µg/kg wet		20.0		95	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121425 - SW846 5035A Soil (low level)										
LCS (8121425-BS1)										
Prepared & Analyzed: 17-Dec-08										
Vinyl chloride	15.3		µg/kg wet		20.0		76	70-130		
m,p-Xylene	38.9		µg/kg wet		40.0		97	70-130		
o-Xylene	18.6		µg/kg wet		20.0		93	70-130		
Tetrahydrofuran	16.5		µg/kg wet		20.0		83	70-130		
Ethyl ether	20.3		µg/kg wet		20.0		101	61.4-130		
Tert-amyl methyl ether	15.1		µg/kg wet		20.0		76	70-130		
Ethyl tert-butyl ether	19.9		µg/kg wet		20.0		100	70-130		
Di-isopropyl ether	20.8		µg/kg wet		20.0		104	70-130		
Tert-Butanol / butyl alcohol	188		µg/kg wet		200		94	70-130		
1,4-Dioxane	182		µg/kg wet		200		91	48.3-142		
trans-1,4-Dichloro-2-butene	19.3		µg/kg wet		20.0		96	70-130		
Ethanol	346		µg/kg wet		400		86	70-130		
Surrogate: 4-Bromofluorobenzene	*48.4*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*47.4*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.4*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*47.9*		µg/kg wet		*50.0*		*96*	*70-130*		
LCS Dup (8121425-BSD1)										
Prepared & Analyzed: 17-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.9		µg/kg wet		20.0		99	70-130	2	25
Acetone	12.3		µg/kg wet		20.0		61	0-168	11	50
Acrylonitrile	17.3		µg/kg wet		20.0		86	70-130	2	25
Benzene	20.0		µg/kg wet		20.0		100	70-130	0	25
Bromobenzene	18.0		µg/kg wet		20.0		90	70-130	0.1	25
Bromochloromethane	16.4		µg/kg wet		20.0		82	70-130	1	25
Bromodichloromethane	19.2		µg/kg wet		20.0		96	70-130	1	25
Bromoform	19.1		µg/kg wet		20.0		96	70-130	3	25
Bromomethane	14.8		µg/kg wet		20.0		74	40.9-138	2	50
2-Butanone (MEK)	15.7		µg/kg wet		20.0		78	29.8-145	2	50
n-Butylbenzene	20.1		µg/kg wet		20.0		101	70-130	1	25
sec-Butylbenzene	18.6		µg/kg wet		20.0		93	70-130	3	25
tert-Butylbenzene	17.9		µg/kg wet		20.0		90	70-130	2	25
Carbon disulfide	19.8		µg/kg wet		20.0		99	70-130	0.4	25
Carbon tetrachloride	20.5		µg/kg wet		20.0		103	70-130	0.9	25
Chlorobenzene	19.7		µg/kg wet		20.0		98	70-130	0.9	25
Chloroethane	16.2		µg/kg wet		20.0		81	47.5-130	3	50
Chloroform	17.8		µg/kg wet		20.0		89	70-130	1	25
Chloromethane	13.6	QC2	µg/kg wet		20.0		68	70-130	2	25
2-Chlorotoluene	18.8		µg/kg wet		20.0		94	70-130	3	25
4-Chlorotoluene	18.4		µg/kg wet		20.0		92	70-130	0.4	25
1,2-Dibromo-3-chloropropane	18.2		µg/kg wet		20.0		91	70-130	4	25
Dibromochloromethane	17.6		µg/kg wet		20.0		88	66.2-130	6	50
1,2-Dibromoethane (EDB)	17.2		µg/kg wet		20.0		86	70-130	1	25
Dibromomethane	18.0		µg/kg wet		20.0		90	70-130	4	25
1,2-Dichlorobenzene	19.0		µg/kg wet		20.0		95	70-130	1	25
1,3-Dichlorobenzene	17.0		µg/kg wet		20.0		85	70-130	2	25
1,4-Dichlorobenzene	18.9		µg/kg wet		20.0		94	70-130	2	25
Dichlorodifluoromethane (Freon12)	13.4		µg/kg wet		20.0		67	32-158	0.8	50
1,1-Dichloroethane	18.8		µg/kg wet		20.0		94	70-130	4	25
1,2-Dichloroethane	18.4		µg/kg wet		20.0		92	70-130	2	25
1,1-Dichloroethene	19.8		µg/kg wet		20.0		99	70-130	3	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121425 - SW846 5035A Soil (low level)										
LCS Dup (8121425-BSD1)										
Prepared & Analyzed: 17-Dec-08										
cis-1,2-Dichloroethene	18.8		µg/kg wet		20.0		94	70-130	2	25
trans-1,2-Dichloroethene	20.1		µg/kg wet		20.0		101	70-130	0.7	25
1,2-Dichloropropane	19.9		µg/kg wet		20.0		100	70-130	0.3	25
1,3-Dichloropropane	17.0		µg/kg wet		20.0		85	70-130	3	25
2,2-Dichloropropane	19.1		µg/kg wet		20.0		96	70-130	0.3	25
1,1-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130	5	25
cis-1,3-Dichloropropene	18.3		µg/kg wet		20.0		92	70-130	3	25
trans-1,3-Dichloropropene	18.1		µg/kg wet		20.0		91	70-130	5	25
Ethylbenzene	19.7		µg/kg wet		20.0		99	70-130	0.6	25
Hexachlorobutadiene	17.4		µg/kg wet		20.0		87	53.6-138	2	50
2-Hexanone (MBK)	16.2		µg/kg wet		20.0		81	70-130	15	25
Isopropylbenzene	20.2		µg/kg wet		20.0		101	70-130	0.4	25
4-Isopropyltoluene	19.2		µg/kg wet		20.0		96	70-130	0.9	25
Methyl tert-butyl ether	19.4		µg/kg wet		20.0		97	70-130	4	25
4-Methyl-2-pentanone (MIBK)	15.8		µg/kg wet		20.0		79	53.5-137	0.2	50
Methylene chloride	16.9		µg/kg wet		20.0		84	70-130	1	25
Naphthalene	16.5		µg/kg wet		20.0		83	70-130	6	25
n-Propylbenzene	19.3		µg/kg wet		20.0		96	70-130	1	25
Styrene	18.6		µg/kg wet		20.0		93	70-130	2	25
1,1,1,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130	0.9	25
1,1,2,2-Tetrachloroethane	18.5		µg/kg wet		20.0		93	70-130	4	25
Tetrachloroethene	17.8		µg/kg wet		20.0		89	70-130	4	25
Toluene	16.5		µg/kg wet		20.0		83	70-130	0.4	25
1,2,3-Trichlorobenzene	17.1		µg/kg wet		20.0		85	70-130	8	25
1,2,4-Trichlorobenzene	16.8		µg/kg wet		20.0		84	70-130	7	25
1,3,5-Trichlorobenzene	18.3		µg/kg wet		20.0		92	70-130	6	25
1,1,1-Trichloroethane	19.9		µg/kg wet		20.0		99	70-130	4	25
1,1,2-Trichloroethane	18.3		µg/kg wet		20.0		92	70-130	2	25
Trichloroethene	18.9		µg/kg wet		20.0		94	70-130	0.1	25
Trichlorofluoromethane (Freon 11)	19.6		µg/kg wet		20.0		98	50.9-138	2	50
1,2,3-Trichloropropane	16.9		µg/kg wet		20.0		85	70-130	2	25
1,2,4-Trimethylbenzene	18.2		µg/kg wet		20.0		91	70-130	3	25
1,3,5-Trimethylbenzene	18.6		µg/kg wet		20.0		93	70-130	2	25
Vinyl chloride	15.2		µg/kg wet		20.0		76	70-130	0.8	25
m,p-Xylene	39.2		µg/kg wet		40.0		98	70-130	0.9	25
o-Xylene	18.7		µg/kg wet		20.0		94	70-130	0.4	25
Tetrahydrofuran	14.8		µg/kg wet		20.0		74	70-130	11	25
Ethyl ether	20.8		µg/kg wet		20.0		104	61.4-130	2	50
Tert-amyl methyl ether	19.6	QR2	µg/kg wet		20.0		98	70-130	26	25
Ethyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130	4	25
Di-isopropyl ether	21.3		µg/kg wet		20.0		106	70-130	2	25
Tert-Butanol / butyl alcohol	162		µg/kg wet		200		81	70-130	14	25
1,4-Dioxane	172		µg/kg wet		200		86	48.3-142	6	25
trans-1,4-Dichloro-2-butene	17.3		µg/kg wet		20.0		86	70-130	11	25
Ethanol	349		µg/kg wet		400		87	70-130	0.9	30
Surrogate: 4-Bromofluorobenzene	*48.0*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*46.5*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.3*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: Dibromofluoromethane	*48.7*		µg/kg wet		*50.0*		*97*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121526 - SW846 5035A Soil (low level)										
Blank (8121526-BLK1)										
Prepared & Analyzed: 18-Dec-08										
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						
n-Propylbenzene	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 8121526 - SW846 5035A Soil (low level)										
Blank (8121526-BLK1)										
Prepared & Analyzed: 18-Dec-08										
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						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	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						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*48.0*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*58.7*		µg/kg wet		*50.0*		*117*	*70-130*		
Surrogate: Dibromofluoromethane	*54.2*		µg/kg wet		*50.0*		*108*	*70-130*		
LCS (8121526-BS1)										
Prepared & Analyzed: 18-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.8		µg/kg wet		20.0		99	70-130		
Acetone	8.1		µg/kg wet		20.0		40	0-168		
Acrylonitrile	15.4		µg/kg wet		20.0		77	70-130		
Benzene	21.1		µg/kg wet		20.0		106	70-130		
Bromobenzene	17.2		µg/kg wet		20.0		86	70-130		
Bromochloromethane	15.6		µg/kg wet		20.0		78	70-130		
Bromodichloromethane	19.9		µg/kg wet		20.0		100	70-130		
Bromoform	18.4		µg/kg wet		20.0		92	70-130		
Bromomethane	13.6		µg/kg wet		20.0		68	40.9-138		
2-Butanone (MEK)	16.0		µg/kg wet		20.0		80	29.8-145		
n-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130		
sec-Butylbenzene	17.9		µg/kg wet		20.0		89	70-130		
tert-Butylbenzene	17.3		µg/kg wet		20.0		87	70-130		
Carbon disulfide	19.7		µg/kg wet		20.0		99	70-130		
Carbon tetrachloride	21.8		µg/kg wet		20.0		109	70-130		
Chlorobenzene	20.3		µg/kg wet		20.0		101	70-130		
Chloroethane	15.0		µg/kg wet		20.0		75	47.5-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121526 - SW846 5035A Soil (low level)										
LCS (8121526-BS1)										
Prepared & Analyzed: 18-Dec-08										
Chloroform	18.6		µg/kg wet		20.0		93	70-130		
Chloromethane	12.6	QC2	µg/kg wet		20.0		63	70-130		
2-Chlorotoluene	18.4		µg/kg wet		20.0		92	70-130		
4-Chlorotoluene	17.7		µg/kg wet		20.0		89	70-130		
1,2-Dibromo-3-chloropropane	17.4		µg/kg wet		20.0		87	70-130		
Dibromochloromethane	17.8		µg/kg wet		20.0		89	66.2-130		
1,2-Dibromoethane (EDB)	15.9		µg/kg wet		20.0		79	70-130		
Dibromomethane	18.5		µg/kg wet		20.0		92	70-130		
1,2-Dichlorobenzene	19.6		µg/kg wet		20.0		98	70-130		
1,3-Dichlorobenzene	16.4		µg/kg wet		20.0		82	70-130		
1,4-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	11.9		µg/kg wet		20.0		60	32-158		
1,1-Dichloroethane	19.4		µg/kg wet		20.0		97	70-130		
1,2-Dichloroethane	18.1		µg/kg wet		20.0		91	70-130		
1,1-Dichloroethene	18.5		µg/kg wet		20.0		92	70-130		
cis-1,2-Dichloroethene	19.1		µg/kg wet		20.0		96	70-130		
trans-1,2-Dichloroethene	21.5		µg/kg wet		20.0		108	70-130		
1,2-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130		
1,3-Dichloropropane	16.3		µg/kg wet		20.0		81	70-130		
2,2-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130		
1,1-Dichloropropene	21.0		µg/kg wet		20.0		105	70-130		
cis-1,3-Dichloropropene	18.3		µg/kg wet		20.0		92	70-130		
trans-1,3-Dichloropropene	17.6		µg/kg wet		20.0		88	70-130		
Ethylbenzene	20.3		µg/kg wet		20.0		101	70-130		
Hexachlorobutadiene	18.4		µg/kg wet		20.0		92	53.6-138		
2-Hexanone (MBK)	13.5	QC1	µg/kg wet		20.0		67	70-130		
Isopropylbenzene	20.0		µg/kg wet		20.0		100	70-130		
4-Isopropyltoluene	20.6		µg/kg wet		20.0		103	70-130		
Methyl tert-butyl ether	19.5		µg/kg wet		20.0		98	70-130		
4-Methyl-2-pentanone (MIBK)	13.2		µg/kg wet		20.0		66	53.5-137		
Methylene chloride	16.5		µg/kg wet		20.0		82	70-130		
Naphthalene	16.1		µg/kg wet		20.0		81	70-130		
n-Propylbenzene	18.8		µg/kg wet		20.0		94	70-130		
Styrene	18.6		µg/kg wet		20.0		93	70-130		
1,1,1,2-Tetrachloroethane	20.7		µg/kg wet		20.0		104	70-130		
1,1,2,2-Tetrachloroethane	16.7		µg/kg wet		20.0		84	70-130		
Tetrachloroethene	17.7		µg/kg wet		20.0		88	70-130		
Toluene	16.8		µg/kg wet		20.0		84	70-130		
1,2,3-Trichlorobenzene	16.9		µg/kg wet		20.0		84	70-130		
1,2,4-Trichlorobenzene	17.6		µg/kg wet		20.0		88	70-130		
1,3,5-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,1,1-Trichloroethane	20.8		µg/kg wet		20.0		104	70-130		
1,1,2-Trichloroethane	17.5		µg/kg wet		20.0		88	70-130		
Trichloroethene	20.7		µg/kg wet		20.0		103	70-130		
Trichlorofluoromethane (Freon 11)	17.8		µg/kg wet		20.0		89	50.9-138		
1,2,3-Trichloropropane	15.1		µg/kg wet		20.0		76	70-130		
1,2,4-Trimethylbenzene	17.9		µg/kg wet		20.0		89	70-130		
1,3,5-Trimethylbenzene	18.2		µg/kg wet		20.0		91	70-130		
Vinyl chloride	14.4		µg/kg wet		20.0		72	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121526 - SW846 5035A Soil (low level)										
LCS (8121526-BS1)										
Prepared & Analyzed: 18-Dec-08										
m,p-Xylene	39.3		µg/kg wet		40.0		98	70-130		
o-Xylene	18.6		µg/kg wet		20.0		93	70-130		
Tetrahydrofuran	15.9		µg/kg wet		20.0		80	70-130		
Ethyl ether	20.8		µg/kg wet		20.0		104	61.4-130		
Tert-amyl methyl ether	15.9		µg/kg wet		20.0		79	70-130		
Ethyl tert-butyl ether	19.9		µg/kg wet		20.0		99	70-130		
Di-isopropyl ether	21.6		µg/kg wet		20.0		108	70-130		
Tert-Butanol / butyl alcohol	142		µg/kg wet		200		71	70-130		
1,4-Dioxane	139		µg/kg wet		200		69	48.3-142		
trans-1,4-Dichloro-2-butene	16.5		µg/kg wet		20.0		83	70-130		
Ethanol	278		µg/kg wet		400		70	70-130		
Surrogate: 4-Bromofluorobenzene	*44.9*		µg/kg wet		*50.0*		*90*	*70-130*		
Surrogate: Toluene-d8	*45.4*		µg/kg wet		*50.0*		*91*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.2*		µg/kg wet		*50.0*		*90*	*70-130*		
Surrogate: Dibromofluoromethane	*48.6*		µg/kg wet		*50.0*		*97*	*70-130*		
LCS Dup (8121526-BSD1)										
Prepared & Analyzed: 18-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.6		µg/kg wet		20.0		98	70-130	1	25
Acetone	7.8		µg/kg wet		20.0		39	0-168	4	50
Acrylonitrile	15.8		µg/kg wet		20.0		79	70-130	3	25
Benzene	21.3		µg/kg wet		20.0		106	70-130	0.7	25
Bromobenzene	17.1		µg/kg wet		20.0		85	70-130	0.7	25
Bromochloromethane	15.1		µg/kg wet		20.0		76	70-130	3	25
Bromodichloromethane	20.4		µg/kg wet		20.0		102	70-130	2	25
Bromoform	18.8		µg/kg wet		20.0		94	70-130	2	25
Bromomethane	13.5		µg/kg wet		20.0		68	40.9-138	0.8	50
2-Butanone (MEK)	15.3		µg/kg wet		20.0		76	29.8-145	5	50
n-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130	4	25
sec-Butylbenzene	17.6		µg/kg wet		20.0		88	70-130	2	25
tert-Butylbenzene	17.0		µg/kg wet		20.0		85	70-130	2	25
Carbon disulfide	19.6		µg/kg wet		20.0		98	70-130	0.6	25
Carbon tetrachloride	21.7		µg/kg wet		20.0		109	70-130	0.3	25
Chlorobenzene	20.2		µg/kg wet		20.0		101	70-130	0.7	25
Chloroethane	15.1		µg/kg wet		20.0		76	47.5-130	1	50
Chloroform	19.3		µg/kg wet		20.0		97	70-130	4	25
Chloromethane	12.1	QC2	µg/kg wet		20.0		60	70-130	4	25
2-Chlorotoluene	18.5		µg/kg wet		20.0		93	70-130	0.4	25
4-Chlorotoluene	17.8		µg/kg wet		20.0		89	70-130	0.2	25
1,2-Dibromo-3-chloropropane	20.0		µg/kg wet		20.0		100	70-130	14	25
Dibromochloromethane	18.1		µg/kg wet		20.0		90	66.2-130	2	50
1,2-Dibromoethane (EDB)	16.2		µg/kg wet		20.0		81	70-130	2	25
Dibromomethane	18.3		µg/kg wet		20.0		91	70-130	1	25
1,2-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	1	25
1,3-Dichlorobenzene	16.5		µg/kg wet		20.0		82	70-130	0.2	25
1,4-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	1	25
Dichlorodifluoromethane (Freon12)	11.9		µg/kg wet		20.0		60	32-158	0.08	50
1,1-Dichloroethane	19.6		µg/kg wet		20.0		98	70-130	0.8	25
1,2-Dichloroethane	19.1		µg/kg wet		20.0		95	70-130	5	25
1,1-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130	4	25
cis-1,2-Dichloroethene	19.0		µg/kg wet		20.0		95	70-130	0.8	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121526 - SW846 5035A Soil (low level)										
LCS Dup (8121526-BSD1)										
Prepared & Analyzed: 18-Dec-08										
trans-1,2-Dichloroethene	21.5		µg/kg wet		20.0		108	70-130	0.05	25
1,2-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130	3	25
1,3-Dichloropropane	17.6		µg/kg wet		20.0		88	70-130	8	25
2,2-Dichloropropane	19.8		µg/kg wet		20.0		99	70-130	3	25
1,1-Dichloropropene	21.4		µg/kg wet		20.0		107	70-130	2	25
cis-1,3-Dichloropropene	18.4		µg/kg wet		20.0		92	70-130	0.4	25
trans-1,3-Dichloropropene	18.3		µg/kg wet		20.0		92	70-130	4	25
Ethylbenzene	20.2		µg/kg wet		20.0		101	70-130	0.3	25
Hexachlorobutadiene	18.9		µg/kg wet		20.0		95	53.6-138	3	50
2-Hexanone (MBK)	14.2		µg/kg wet		20.0		71	70-130	5	25
Isopropylbenzene	19.9		µg/kg wet		20.0		100	70-130	0.5	25
4-Isopropyltoluene	20.4		µg/kg wet		20.0		102	70-130	1	25
Methyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130	5	25
4-Methyl-2-pentanone (MIBK)	15.0		µg/kg wet		20.0		75	53.5-137	12	50
Methylene chloride	17.0		µg/kg wet		20.0		85	70-130	3	25
Naphthalene	16.2		µg/kg wet		20.0		81	70-130	0.2	25
n-Propylbenzene	19.0		µg/kg wet		20.0		95	70-130	0.6	25
Styrene	18.8		µg/kg wet		20.0		94	70-130	0.9	25
1,1,1,2-Tetrachloroethane	21.5		µg/kg wet		20.0		108	70-130	4	25
1,1,2,2-Tetrachloroethane	17.6		µg/kg wet		20.0		88	70-130	5	25
Tetrachloroethene	17.9		µg/kg wet		20.0		89	70-130	1	25
Toluene	16.9		µg/kg wet		20.0		85	70-130	0.9	25
1,2,3-Trichlorobenzene	17.3		µg/kg wet		20.0		87	70-130	3	25
1,2,4-Trichlorobenzene	17.8		µg/kg wet		20.0		89	70-130	2	25
1,3,5-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130	0.05	25
1,1,1-Trichloroethane	21.0		µg/kg wet		20.0		105	70-130	1	25
1,1,2-Trichloroethane	17.5		µg/kg wet		20.0		88	70-130	0.2	25
Trichloroethene	19.9		µg/kg wet		20.0		99	70-130	4	25
Trichlorofluoromethane (Freon 11)	17.4		µg/kg wet		20.0		87	50.9-138	2	50
1,2,3-Trichloropropane	15.8		µg/kg wet		20.0		79	70-130	5	25
1,2,4-Trimethylbenzene	18.0		µg/kg wet		20.0		90	70-130	0.6	25
1,3,5-Trimethylbenzene	18.0		µg/kg wet		20.0		90	70-130	1	25
Vinyl chloride	14.0		µg/kg wet		20.0		70	70-130	3	25
m,p-Xylene	39.4		µg/kg wet		40.0		98	70-130	0.1	25
o-Xylene	18.9		µg/kg wet		20.0		95	70-130	2	25
Tetrahydrofuran	16.3		µg/kg wet		20.0		81	70-130	2	25
Ethyl ether	21.5		µg/kg wet		20.0		108	61.4-130	3	50
Tert-amyl methyl ether	19.4		µg/kg wet		20.0		97	70-130	20	25
Ethyl tert-butyl ether	20.5		µg/kg wet		20.0		102	70-130	3	25
Di-isopropyl ether	22.9		µg/kg wet		20.0		114	70-130	6	25
Tert-Butanol / butyl alcohol	151		µg/kg wet		200		76	70-130	6	25
1,4-Dioxane	146		µg/kg wet		200		73	48.3-142	5	25
trans-1,4-Dichloro-2-butene	16.7		µg/kg wet		20.0		83	70-130	0.8	25
Ethanol	275	QC1	µg/kg wet		400		69	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*44.9*		µg/kg wet		*50.0*		*90*	*70-130*		
Surrogate: Toluene-d8	*45.8*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.1*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*48.6*		µg/kg wet		*50.0*		*97*	*70-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121497 - SW846 3550B										
Blank (8121497-BLK1)										
Prepared & Analyzed: 18-Dec-08										
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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121497 - SW846 3550B										
Blank (8121497-BLK1)										
Prepared & Analyzed: 18-Dec-08										
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						
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	*2380*		µg/kg wet		*3330*		*72*	*30-130*		
Surrogate: 2-Fluorophenol	*2450*		µg/kg wet		*3330*		*73*	*15-110*		
Surrogate: Nitrobenzene-d5	*2200*		µg/kg wet		*3330*		*66*	*30-130*		
Surrogate: Phenol-d5	*2140*		µg/kg wet		*3330*		*64*	*15-110*		
Surrogate: Terphenyl-dl4	*2800*		µg/kg wet		*3330*		*84*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2570*		µg/kg wet		*3330*		*77*	*15-110*		
LCS (8121497-BS1)										
Prepared & Analyzed: 18-Dec-08										
Acenaphthene	2770		µg/kg wet	330	3330		83	40-130		
Acenaphthylene	2830		µg/kg wet	330	3330		85	40-130		
Aniline	1390		µg/kg wet	330	3330		42	40-130		
Anthracene	2730		µg/kg wet	330	3330		82	40-130		
Atrazine	2360		µg/kg wet	330	3330		71	40-130		
Azobenzene/Diphenyldiazine	2490		µg/kg wet	330	3330		75	40-130		
Benzidine	BRL		µg/kg wet	330	3330			0-130		
Benzo (a) anthracene	3080		µg/kg wet	330	3330		92	40-130		
Benzo (a) pyrene	2750		µg/kg wet	330	3330		82	40-130		
Benzo (b) fluoranthene	2850		µg/kg wet	330	3330		86	40-130		
Benzo (g,h,i) perylene	2340		µg/kg wet	330	3330		70	40-130		
Benzo (k) fluoranthene	2850		µg/kg wet	330	3330		86	40-130		
Benzoic acid	2030		µg/kg wet	330	3330		61	3.25-130		
Benzyl alcohol	2170		µg/kg wet	330	3330		65	40-130		
Bis(2-chloroethoxy)methane	2910		µg/kg wet	330	3330		87	40-130		
Bis(2-chloroethyl)ether	2670		µg/kg wet	330	3330		80	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 8121497 - SW846 3550B										
LCS (8121497-BS1)										
Prepared & Analyzed: 18-Dec-08										
Bis(2-chloroisopropyl)ether	2760		µg/kg wet	330	3330		83	40-130		
Bis(2-ethylhexyl)phthalate	3630		µg/kg wet	330	3330		109	40-130		
4-Bromophenyl phenyl ether	2980		µg/kg wet	330	3330		89	40-130		
Butyl benzyl phthalate	3520		µg/kg wet	330	3330		106	40-130		
Carbazole	2560		µg/kg wet	330	3330		77	40-130		
4-Chloro-3-methylphenol	2680		µg/kg wet	330	3330		80	40-130		
4-Chloroaniline	2100		µg/kg wet	330	3330		63	40-130		
2-Chloronaphthalene	2550		µg/kg wet	330	3330		77	40-130		
2-Chlorophenol	2450		µg/kg wet	330	3330		73	40-130		
4-Chlorophenyl phenyl ether	3130		µg/kg wet	330	3330		94	40-130		
Chrysene	3140		µg/kg wet	330	3330		94	40-130		
Dibenzo (a,h) anthracene	2560		µg/kg wet	330	3330		77	40-130		
Dibenzofuran	2660		µg/kg wet	330	3330		80	40-130		
1,2-Dichlorobenzene	2280		µg/kg wet	330	3330		68	40-130		
1,3-Dichlorobenzene	2060		µg/kg wet	330	3330		62	40-130		
1,4-Dichlorobenzene	2540		µg/kg wet	330	3330		76	40-130		
3,3'-Dichlorobenzidine	2390		µg/kg wet	330	3330		72	40-130		
2,4-Dichlorophenol	2660		µg/kg wet	330	3330		80	40-130		
Diethyl phthalate	3100		µg/kg wet	330	3330		93	40-130		
Dimethyl phthalate	3340		µg/kg wet	330	3330		100	40-130		
2,4-Dimethylphenol	2560		µg/kg wet	330	3330		77	40-130		
Di-n-butyl phthalate	3020		µg/kg wet	330	3330		91	40-130		
4,6-Dinitro-2-methylphenol	573	QC2	µg/kg wet	330	3330		17	40-130		
2,4-Dinitrophenol	571	QC2	µg/kg wet	330	3330		17	40-130		
2,4-Dinitrotoluene	2800		µg/kg wet	330	3330		84	40-130		
2,6-Dinitrotoluene	2840		µg/kg wet	330	3330		85	40-130		
Di-n-octyl phthalate	3210		µg/kg wet	330	3330		96	40-130		
Fluoranthene	2650		µg/kg wet	330	3330		80	40-130		
Fluorene	2700		µg/kg wet	330	3330		81	40-130		
Hexachlorobenzene	2550		µg/kg wet	330	3330		77	40-130		
Hexachlorobutadiene	2500		µg/kg wet	330	3330		75	40-130		
Hexachlorocyclopentadiene	1030	QC2	µg/kg wet	330	3330		31	40-130		
Hexachloroethane	2180		µg/kg wet	330	3330		65	40-130		
Indeno (1,2,3-cd) pyrene	2400		µg/kg wet	330	3330		72	40-130		
1-Methylnaphthalene	2750		µg/kg wet	330	3330		82	40-140		
Isophorone	2510		µg/kg wet	330	3330		75	40-130		
2-Methylnaphthalene	2620		µg/kg wet	330	3330		79	40-130		
2-Methylphenol	2350		µg/kg wet	330	3330		71	40-130		
3 & 4-Methylphenol	2710		µg/kg wet	330	3330		81	40-130		
Naphthalene	2490		µg/kg wet	330	3330		75	40-130		
2-Nitroaniline	2770		µg/kg wet	330	3330		83	40-130		
3-Nitroaniline	2520		µg/kg wet	330	3330		76	40-130		
4-Nitroaniline	2600		µg/kg wet	1320	3330		78	40-130		
Nitrobenzene	2350		µg/kg wet	330	3330		70	40-130		
2-Nitrophenol	2280		µg/kg wet	330	3330		68	40-130		
4-Nitrophenol	2480		µg/kg wet	1320	3330		74	40-130		
N-Nitrosodimethylamine	1060	QC2	µg/kg wet	330	3330		32	40-130		
N-Nitrosodi-n-propylamine	2790		µg/kg wet	330	3330		84	40-130		
N-Nitrosodiphenylamine	2870		µg/kg wet	330	3330		86	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 8121497 - SW846 3550B										
LCS (8121497-BS1)										
Prepared & Analyzed: 18-Dec-08										
Pentachlorophenol	2070		µg/kg wet	330	3330		62	40-130		
Phenanthrene	2600		µg/kg wet	330	3330		78	40-130		
Phenol	2480		µg/kg wet	330	3330		74	40-130		
Pyrene	3190		µg/kg wet	330	3330		96	40-130		
Pyridine	199		µg/kg wet	330	3330		6	0-130		
1,2,4-Trichlorobenzene	2440		µg/kg wet	330	3330		73	40-130		
2,4,5-Trichlorophenol	2840		µg/kg wet	330	3330		85	40-130		
2,4,6-Trichlorophenol	2620		µg/kg wet	330	3330		79	40-130		
Pentachloronitrobenzene	2650		µg/kg wet	330	3330		80	40-140		
1,2,4,5-Tetrachlorobenzene	2470		µg/kg wet	330	3330		74	40-140		
Surrogate: 2-Fluorobiphenyl	*2570*		µg/kg wet		*3330*		*77*	*30-130*		
Surrogate: 2-Fluorophenol	*2280*		µg/kg wet		*3330*		*68*	*15-110*		
Surrogate: Nitrobenzene-d5	*2440*		µg/kg wet		*3330*		*73*	*30-130*		
Surrogate: Phenol-d5	*2060*		µg/kg wet		*3330*		*62*	*15-110*		
Surrogate: Terphenyl-d14	*2860*		µg/kg wet		*3330*		*86*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2700*		µg/kg wet		*3330*		*81*	*15-110*		
Duplicate (8121497-DUP1) **Source: SA88894-06**										
Prepared: 18-Dec-08 Analyzed: 23-Dec-08										
Acenaphthene	BRL		µg/kg dry	365		BRL				50
Acenaphthylene	BRL		µg/kg dry	365		BRL				50
Aniline	BRL		µg/kg dry	365		BRL				50
Anthracene	BRL		µg/kg dry	365		BRL				50
Atrazine	BRL		µg/kg dry	365		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	365		BRL				50
Benzidine	BRL		µg/kg dry	365		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	365		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	365		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	365		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	365		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	365		BRL				50
Benzoic acid	BRL		µg/kg dry	365		BRL				50
Benzyl alcohol	BRL		µg/kg dry	365		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	365		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	365		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	365		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	365		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	365		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	365		BRL				50
Carbazole	BRL		µg/kg dry	365		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	365		BRL				50
4-Chloroaniline	BRL		µg/kg dry	365		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	365		BRL				50
2-Chlorophenol	BRL		µg/kg dry	365		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	365		BRL				50
Chrysene	BRL		µg/kg dry	365		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	365		BRL				50
Dibenzofuran	BRL		µg/kg dry	365		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	365		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	365		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	365		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121497 - SW846 3550B										
Duplicate (8121497-DUP1) **Source: SA88894-06**										
Prepared: 18-Dec-08 Analyzed: 23-Dec-08										
3,3'-Dichlorobenzidine	BRL		µg/kg dry	365		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	365		BRL				50
Diethyl phthalate	BRL		µg/kg dry	365		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	365		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	365		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	365		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	365		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	365		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	365		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	365		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	365		BRL				50
Fluoranthene	BRL		µg/kg dry	365		BRL				50
Fluorene	BRL		µg/kg dry	365		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	365		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	365		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	365		BRL				50
Hexachloroethane	BRL		µg/kg dry	365		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	365		BRL				50
Isophorone	BRL		µg/kg dry	365		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	365		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	365		BRL				50
2-Methylphenol	BRL		µg/kg dry	365		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	365		BRL				50
Naphthalene	BRL		µg/kg dry	365		BRL				50
2-Nitroaniline	BRL		µg/kg dry	365		BRL				50
3-Nitroaniline	BRL		µg/kg dry	365		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1460		BRL				50
Nitrobenzene	BRL		µg/kg dry	365		BRL				50
2-Nitrophenol	BRL		µg/kg dry	365		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1460		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	365		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	365		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	365		BRL				50
Pentachlorophenol	BRL		µg/kg dry	365		BRL				50
Phenanthrene	BRL		µg/kg dry	365		BRL				50
Phenol	BRL		µg/kg dry	365		BRL				50
Pyrene	BRL		µg/kg dry	365		BRL				50
Pyridine	BRL		µg/kg dry	365		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	365		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	365		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	365		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	365		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	365		BRL				50
Surrogate: 2-Fluorobiphenyl	*700*		µg/kg dry		*1840*		*38*	*30-130*		
Surrogate: 2-Fluorophenol	*745*		µg/kg dry		*1840*		*40*	*15-110*		
Surrogate: Nitrobenzene-d5	*630*		µg/kg dry		*1840*		*34*	*30-130*		
Surrogate: Phenol-d5	*667*		µg/kg dry		*1840*		*36*	*15-110*		
Surrogate: Terphenyl-d14	*781*		µg/kg dry		*1840*		*42*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*729*		µg/kg dry		*1840*		*40*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121497 - SW846 3550B										
Matrix Spike (8121497-MS1) Source: SA88894-06										
Prepared: 18-Dec-08 Analyzed: 23-Dec-08										
Acenaphthene	1220		µg/kg dry	186	1870	BRL	65	40-140		
Benzo (b) fluoranthene	1290		µg/kg dry	186	1870	BRL	69	40-140		
Benzo (k) fluoranthene	1350		µg/kg dry	186	1870	BRL	72	40-140		
4-Chloro-3-methylphenol	1140		µg/kg dry	186	1870	BRL	61	30-130		
2-Chlorophenol	1100		µg/kg dry	186	1870	BRL	58	30-130		
Chrysene	1350		µg/kg dry	186	1870	BRL	72	40-140		
1,4-Dichlorobenzene	1120		µg/kg dry	186	1870	BRL	60	40-140		
Indeno (1,2,3-cd) pyrene	1060		µg/kg dry	186	1870	BRL	57	40-140		
Naphthalene	1070		µg/kg dry	186	1870	BRL	57	40-140		
4-Nitrophenol	1280		µg/kg dry	742	1870	BRL	68	30-130		
N-Nitrosodi-n-propylamine	1290		µg/kg dry	186	1870	BRL	69	40-140		
Pentachlorophenol	1110		µg/kg dry	186	1870	BRL	59	30-130		
Phenol	1120		µg/kg dry	186	1870	BRL	60	30-130		
Pyrene	1370		µg/kg dry	186	1870	BRL	73	40-140		
1,2,4-Trichlorobenzene	1040		µg/kg dry	186	1870	BRL	55	40-140		
Surrogate: 2-Fluorobiphenyl	*1120*		µg/kg dry		*1870*		*60*	*30-130*		
Surrogate: 2-Fluorophenol	*993*		µg/kg dry		*1870*		*53*	*15-110*		
Surrogate: Nitrobenzene-d5	*1030*		µg/kg dry		*1870*		*55*	*30-130*		
Surrogate: Phenol-d5	*936*		µg/kg dry		*1870*		*50*	*15-110*		
Surrogate: Terphenyl-d14	*1210*		µg/kg dry		*1870*		*65*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1150*		µg/kg dry		*1870*		*61*	*15-110*		
Matrix Spike Dup (8121497-MSD1) Source: SA88894-06										
Prepared: 18-Dec-08 Analyzed: 23-Dec-08										
Acenaphthene	1150		µg/kg dry	184	1860	BRL	62	40-140	5	30
Benzo (b) fluoranthene	1370		µg/kg dry	184	1860	BRL	74	40-140	7	30
Benzo (k) fluoranthene	1190		µg/kg dry	184	1860	BRL	64	40-140	12	30
4-Chloro-3-methylphenol	1070		µg/kg dry	184	1860	BRL	57	30-130	5	30
2-Chlorophenol	1050		µg/kg dry	184	1860	BRL	56	30-130	3	30
Chrysene	1380		µg/kg dry	184	1860	BRL	74	40-140	3	30
1,4-Dichlorobenzene	1010		µg/kg dry	184	1860	BRL	54	40-140	9	30
Indeno (1,2,3-cd) pyrene	1220		µg/kg dry	184	1860	BRL	66	40-140	15	30
Naphthalene	1010		µg/kg dry	184	1860	BRL	54	40-140	5	30
4-Nitrophenol	1300		µg/kg dry	735	1860	BRL	70	30-130	3	30
N-Nitrosodi-n-propylamine	1210		µg/kg dry	184	1860	BRL	65	40-140	5	30
Pentachlorophenol	1140		µg/kg dry	184	1860	BRL	62	30-130	4	30
Phenol	1090		µg/kg dry	184	1860	BRL	59	30-130	1	30
Pyrene	1350		µg/kg dry	184	1860	BRL	73	40-140	0.1	30
1,2,4-Trichlorobenzene	974		µg/kg dry	184	1860	BRL	52	40-140	5	30
Surrogate: 2-Fluorobiphenyl	*1000*		µg/kg dry		*1860*		*54*	*30-130*		
Surrogate: 2-Fluorophenol	*914*		µg/kg dry		*1860*		*49*	*15-110*		
Surrogate: Nitrobenzene-d5	*921*		µg/kg dry		*1860*		*50*	*30-130*		
Surrogate: Phenol-d5	*859*		µg/kg dry		*1860*		*46*	*15-110*		
Surrogate: Terphenyl-d14	*1140*		µg/kg dry		*1860*		*62*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1080*		µg/kg dry		*1860*		*58*	*15-110*		
Batch 8121601 - SW846 3550B										
Blank (8121601-BLK1)										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
Acenaphthene	BRL		µg/kg wet	330						
Acenaphthylene	BRL		µg/kg wet	330						
Aniline	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 8121601 - SW846 3550B										
Blank (8121601-BLK1)										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
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						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
Isophorone	BRL		µg/kg wet	330						
1-Methylnaphthalene	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 8121601 - SW846 3550B										
Blank (8121601-BLK1)										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
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	*2370*		µg/kg wet		*3330*		*71*	*30-130*		
Surrogate: 2-Fluorophenol	*1790*		µg/kg wet		*3330*		*54*	*15-110*		
Surrogate: Nitrobenzene-d5	*2400*		µg/kg wet		*3330*		*72*	*30-130*		
Surrogate: Phenol-d5	*1670*		µg/kg wet		*3330*		*50*	*15-110*		
Surrogate: Terphenyl-dl4	*2370*		µg/kg wet		*3330*		*71*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2500*		µg/kg wet		*3330*		*75*	*15-110*		
LCS (8121601-BS1)										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
Acenaphthene	2830		µg/kg wet	330	3330		85	40-130		
Acenaphthylene	2780		µg/kg wet	330	3330		83	40-130		
Aniline	658	QC2	µg/kg wet	330	3330		20	40-130		
Anthracene	2520		µg/kg wet	330	3330		76	40-130		
Atrazine	2050		µg/kg wet	330	3330		62	40-130		
Azobenzene/Diphenyldiazine	2600		µg/kg wet	330	3330		78	40-130		
Benzidine	85.3		µg/kg wet	330	3330		3	0-130		
Benzo (a) anthracene	3010		µg/kg wet	330	3330		90	40-130		
Benzo (a) pyrene	2460		µg/kg wet	330	3330		74	40-130		
Benzo (b) fluoranthene	2640		µg/kg wet	330	3330		79	40-130		
Benzo (g,h,i) perylene	2280		µg/kg wet	330	3330		68	40-130		
Benzo (k) fluoranthene	2600		µg/kg wet	330	3330		78	40-130		
Benzoic acid	2270		µg/kg wet	330	3330		68	3.25-130		
Benzyl alcohol	1780		µg/kg wet	330	3330		53	40-130		
Bis(2-chloroethoxy)methane	2460		µg/kg wet	330	3330		74	40-130		
Bis(2-chloroethyl)ether	2590		µg/kg wet	330	3330		78	40-130		
Bis(2-chloroisopropyl)ether	2450		µg/kg wet	330	3330		74	40-130		
Bis(2-ethylhexyl)phthalate	3190		µg/kg wet	330	3330		96	40-130		
4-Bromophenyl phenyl ether	2750		µg/kg wet	330	3330		82	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 8121601 - SW846 3550B										
LCS (8121601-BS1)										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
Butyl benzyl phthalate	3240		µg/kg wet	330	3330		97	40-130		
Carbazole	2530		µg/kg wet	330	3330		76	40-130		
4-Chloro-3-methylphenol	2740		µg/kg wet	330	3330		82	40-130		
4-Chloroaniline	1210	QC2	µg/kg wet	330	3330		36	40-130		
2-Chloronaphthalene	2450		µg/kg wet	330	3330		74	40-130		
2-Chlorophenol	2410		µg/kg wet	330	3330		72	40-130		
4-Chlorophenyl phenyl ether	3350		µg/kg wet	330	3330		100	40-130		
Chrysene	2740		µg/kg wet	330	3330		82	40-130		
Dibenzo (a,h) anthracene	2840		µg/kg wet	330	3330		85	40-130		
Dibenzofuran	2710		µg/kg wet	330	3330		81	40-130		
1,2-Dichlorobenzene	2300		µg/kg wet	330	3330		69	40-130		
1,3-Dichlorobenzene	2150		µg/kg wet	330	3330		64	40-130		
1,4-Dichlorobenzene	2340		µg/kg wet	330	3330		70	40-130		
3,3'-Dichlorobenzidine	2370		µg/kg wet	330	3330		71	40-130		
2,4-Dichlorophenol	2630		µg/kg wet	330	3330		79	40-130		
Diethyl phthalate	3460		µg/kg wet	330	3330		104	40-130		
Dimethyl phthalate	3120		µg/kg wet	330	3330		94	40-130		
2,4-Dimethylphenol	2300		µg/kg wet	330	3330		69	40-130		
Di-n-butyl phthalate	3120		µg/kg wet	330	3330		94	40-130		
4,6-Dinitro-2-methylphenol	2980		µg/kg wet	330	3330		89	40-130		
2,4-Dinitrophenol	3170		µg/kg wet	330	3330		95	40-130		
2,4-Dinitrotoluene	3140		µg/kg wet	330	3330		94	40-130		
2,6-Dinitrotoluene	2900		µg/kg wet	330	3330		87	40-130		
Di-n-octyl phthalate	3350		µg/kg wet	330	3330		100	40-130		
Fluoranthene	2670		µg/kg wet	330	3330		80	40-130		
Fluorene	2800		µg/kg wet	330	3330		84	40-130		
Hexachlorobenzene	2460		µg/kg wet	330	3330		74	40-130		
Hexachlorobutadiene	2840		µg/kg wet	330	3330		85	40-130		
Hexachlorocyclopentadiene	2590		µg/kg wet	330	3330		78	40-130		
Hexachloroethane	2460		µg/kg wet	330	3330		74	40-130		
Indeno (1,2,3-cd) pyrene	2500		µg/kg wet	330	3330		75	40-130		
Isophorone	2260		µg/kg wet	330	3330		68	40-130		
1-Methylnaphthalene	2560		µg/kg wet	330	3330		77	40-140		
2-Methylnaphthalene	2500		µg/kg wet	330	3330		75	40-130		
2-Methylphenol	2240		µg/kg wet	330	3330		67	40-130		
3 & 4-Methylphenol	2390		µg/kg wet	330	3330		72	40-130		
Naphthalene	2500		µg/kg wet	330	3330		75	40-130		
2-Nitroaniline	2640		µg/kg wet	330	3330		79	40-130		
3-Nitroaniline	1780		µg/kg wet	330	3330		54	40-130		
4-Nitroaniline	2290		µg/kg wet	1320	3330		69	40-130		
Nitrobenzene	2460		µg/kg wet	330	3330		74	40-130		
2-Nitrophenol	2710		µg/kg wet	330	3330		81	40-130		
4-Nitrophenol	2900		µg/kg wet	1320	3330		87	40-130		
N-Nitrosodimethylamine	1530		µg/kg wet	330	3330		46	40-130		
N-Nitrosodi-n-propylamine	2620		µg/kg wet	330	3330		79	40-130		
N-Nitrosodiphenylamine	2820		µg/kg wet	330	3330		85	40-130		
Pentachlorophenol	2410		µg/kg wet	330	3330		72	40-130		
Phenanthrene	2610		µg/kg wet	330	3330		78	40-130		
Phenol	2290		µg/kg wet	330	3330		69	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 8121601 - SW846 3550B										
LCS (8121601-BS1)										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
Pyrene	2830		µg/kg wet	330	3330		85	40-130		
Pyridine	237		µg/kg wet	330	3330		7	0-130		
1,2,4-Trichlorobenzene	2390		µg/kg wet	330	3330		72	40-130		
2,4,5-Trichlorophenol	2720		µg/kg wet	330	3330		82	40-130		
2,4,6-Trichlorophenol	2590		µg/kg wet	330	3330		78	40-130		
Pentachloronitrobenzene	3350		µg/kg wet	330	3330		100	40-140		
1,2,4,5-Tetrachlorobenzene	2480		µg/kg wet	330	3330		74	40-140		
Surrogate: 2-Fluorobiphenyl	*2480*		µg/kg wet		*3330*		*74*	*30-130*		
Surrogate: 2-Fluorophenol	*1890*		µg/kg wet		*3330*		*57*	*15-110*		
Surrogate: Nitrobenzene-d5	*2500*		µg/kg wet		*3330*		*75*	*30-130*		
Surrogate: Phenol-d5	*1860*		µg/kg wet		*3330*		*56*	*15-110*		
Surrogate: Terphenyl-d14	*2510*		µg/kg wet		*3330*		*75*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2640*		µg/kg wet		*3330*		*79*	*15-110*		
Duplicate (8121601-DUP1) **Source: SA88972-02**										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
Acenaphthene	BRL		µg/kg dry	377		BRL				50
Acenaphthylene	BRL		µg/kg dry	377		BRL				50
Aniline	BRL		µg/kg dry	377		BRL				50
Anthracene	BRL		µg/kg dry	377		BRL				50
Atrazine	BRL		µg/kg dry	377		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	377		BRL				50
Benzidine	BRL		µg/kg dry	377		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	377		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	377		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	377		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	377		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	377		BRL				50
Benzoic acid	BRL		µg/kg dry	377		BRL				50
Benzyl alcohol	BRL		µg/kg dry	377		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	377		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	377		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	377		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	377		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	377		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	377		BRL				50
Carbazole	BRL		µg/kg dry	377		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	377		BRL				50
4-Chloroaniline	BRL		µg/kg dry	377		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	377		BRL				50
2-Chlorophenol	BRL		µg/kg dry	377		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	377		BRL				50
Chrysene	BRL		µg/kg dry	377		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	377		BRL				50
Dibenzofuran	BRL		µg/kg dry	377		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	377		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	377		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	377		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	377		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	377		BRL				50
Diethyl phthalate	BRL		µg/kg dry	377		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121601 - SW846 3550B										
Duplicate (8121601-DUP1) Source: SA88972-02										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
Dimethyl phthalate	BRL		µg/kg dry	377		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	377		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	377		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	377		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	377		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	377		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	377		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	377		BRL				50
Fluoranthene	BRL		µg/kg dry	377		BRL				50
Fluorene	BRL		µg/kg dry	377		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	377		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	377		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	377		BRL				50
Hexachloroethane	BRL		µg/kg dry	377		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	377		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	377		BRL				50
Isophorone	BRL		µg/kg dry	377		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	377		BRL				50
2-Methylphenol	BRL		µg/kg dry	377		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	377		BRL				50
Naphthalene	BRL		µg/kg dry	377		BRL				50
2-Nitroaniline	BRL		µg/kg dry	377		BRL				50
3-Nitroaniline	BRL		µg/kg dry	377		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1510		BRL				50
Nitrobenzene	BRL		µg/kg dry	377		BRL				50
2-Nitrophenol	BRL		µg/kg dry	377		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1510		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	377		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	377		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	377		BRL				50
Pentachlorophenol	BRL		µg/kg dry	377		BRL				50
Phenanthrene	BRL		µg/kg dry	377		BRL				50
Phenol	BRL		µg/kg dry	377		BRL				50
Pyrene	BRL		µg/kg dry	377		BRL				50
Pyridine	BRL		µg/kg dry	377		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	377		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	377		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	377		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	377		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	377		BRL				50
Surrogate: 2-Fluorobiphenyl	*825*		µg/kg dry		*1900*		*43*	*30-130*		
Surrogate: 2-Fluorophenol	*561*		µg/kg dry		*1900*		*29*	*15-110*		
Surrogate: Nitrobenzene-d5	*815*		µg/kg dry		*1900*		*43*	*30-130*		
Surrogate: Phenol-d5	*549*		µg/kg dry		*1900*		*29*	*15-110*		
Surrogate: Terphenyl-d14	*755*		µg/kg dry		*1900*		*40*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*799*		µg/kg dry		*1900*		*42*	*15-110*		
Matrix Spike (8121601-MS1) Source: SA88972-02										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
Acenaphthene	1500		µg/kg dry	191	1930	BRL	77	40-140		
Benzo (b) fluoranthene	1420		µg/kg dry	191	1930	BRL	73	40-140		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121601 - SW846 3550B										
Matrix Spike (8121601-MS1) Source: SA88972-02										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
Benzo (k) fluoranthene	1370		µg/kg dry	191	1930	BRL	71	40-140		
4-Chloro-3-methylphenol	1440		µg/kg dry	191	1930	BRL	75	30-130		
2-Chlorophenol	1280		µg/kg dry	191	1930	BRL	66	30-130		
Chrysene	1430		µg/kg dry	191	1930	BRL	74	40-140		
1,4-Dichlorobenzene	1280		µg/kg dry	191	1930	BRL	66	40-140		
Indeno (1,2,3-cd) pyrene	1280		µg/kg dry	191	1930	BRL	66	40-140		
Naphthalene	1340		µg/kg dry	191	1930	BRL	69	40-140		
4-Nitrophenol	1570		µg/kg dry	765	1930	BRL	81	30-130		
N-Nitrosodi-n-propylamine	1390		µg/kg dry	191	1930	BRL	72	40-140		
Pentachlorophenol	1210		µg/kg dry	191	1930	BRL	63	30-130		
Phenol	1250		µg/kg dry	191	1930	BRL	65	30-130		
Pyrene	1490		µg/kg dry	191	1930	BRL	77	40-140		
1,2,4-Trichlorobenzene	1310		µg/kg dry	191	1930	BRL	68	40-140		
Surrogate: 2-Fluorobiphenyl	*678*		µg/kg dry		*1930*		*35*	*30-130*		
Surrogate: 2-Fluorophenol	*482*		µg/kg dry		*1930*		*25*	*15-110*		
Surrogate: Nitrobenzene-d5	*680*		µg/kg dry		*1930*		*35*	*30-130*		
Surrogate: Phenol-d5	*504*		µg/kg dry		*1930*		*26*	*15-110*		
Surrogate: Terphenyl-d14	*684*		µg/kg dry		*1930*		*35*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*686*		µg/kg dry		*1930*		*36*	*15-110*		
Matrix Spike Dup (8121601-MSD1) Source: SA88972-02										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
Acenaphthene	1540		µg/kg dry	192	1940	BRL	79	40-140	2	30
Benzo (b) fluoranthene	1490		µg/kg dry	192	1940	BRL	77	40-140	5	30
Benzo (k) fluoranthene	1350		µg/kg dry	192	1940	BRL	70	40-140	2	30
4-Chloro-3-methylphenol	1480		µg/kg dry	192	1940	BRL	76	30-130	2	30
2-Chlorophenol	1360		µg/kg dry	192	1940	BRL	70	30-130	5	30
Chrysene	1460		µg/kg dry	192	1940	BRL	75	40-140	2	30
1,4-Dichlorobenzene	1330		µg/kg dry	192	1940	BRL	69	40-140	4	30
Indeno (1,2,3-cd) pyrene	1310		µg/kg dry	192	1940	BRL	67	40-140	2	30
Naphthalene	1390		µg/kg dry	192	1940	BRL	72	40-140	3	30
4-Nitrophenol	1620		µg/kg dry	768	1940	BRL	84	30-130	3	30
N-Nitrosodi-n-propylamine	1460		µg/kg dry	192	1940	BRL	75	40-140	4	30
Pentachlorophenol	1230		µg/kg dry	192	1940	BRL	63	30-130	0.5	30
Phenol	1310		µg/kg dry	192	1940	BRL	68	30-130	4	30
Pyrene	1510		µg/kg dry	192	1940	BRL	78	40-140	0.5	30
1,2,4-Trichlorobenzene	1360		µg/kg dry	192	1940	BRL	70	40-140	3	30
Surrogate: 2-Fluorobiphenyl	*1350*		µg/kg dry		*1940*		*70*	*30-130*		
Surrogate: 2-Fluorophenol	*1090*		µg/kg dry		*1940*		*56*	*15-110*		
Surrogate: Nitrobenzene-d5	*1380*		µg/kg dry		*1940*		*71*	*30-130*		
Surrogate: Phenol-d5	*1050*		µg/kg dry		*1940*		*54*	*15-110*		
Surrogate: Terphenyl-d14	*1400*		µg/kg dry		*1940*		*72*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1430*		µg/kg dry		*1940*		*74*	*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 8121595 - SW846 3550B										
Blank (8121595-BLK1)										
Prepared: 19-Dec-08 Analyzed: 23-Dec-08										
PCB 1016	BRL		µg/kg wet	20.0						
PCB 1221	BRL		µg/kg wet	20.0						
PCB 1232	BRL		µg/kg wet	20.0						
PCB 1242	BRL		µg/kg wet	20.0						
PCB 1248	BRL		µg/kg wet	20.0						
PCB 1254	BRL		µg/kg wet	20.0						
PCB 1260	BRL		µg/kg wet	20.0						
PCB 1262	BRL		µg/kg wet	20.0						
PCB 1268	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.6*		µg/kg wet		*20.0*		*63*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*10.1*		µg/kg wet		*20.0*		*50*	*30-150*		
LCS (8121595-BS1)										
Prepared: 19-Dec-08 Analyzed: 23-Dec-08										
PCB 1016	195		µg/kg wet	20.0	250		78	40-140		
PCB 1260	200		µg/kg wet	20.0	250		80	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*13.8*		µg/kg wet		*20.0*		*69*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*10.8*		µg/kg wet		*20.0*		*54*	*30-150*		
LCS Dup (8121595-BSD1)										
Prepared: 19-Dec-08 Analyzed: 23-Dec-08										
PCB 1016	200		µg/kg wet	20.0	250		80	40-140	2	30
PCB 1260	201		µg/kg wet	20.0	250		80	40-140	0.6	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.1*		µg/kg wet		*20.0*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*11.2*		µg/kg wet		*20.0*		*56*	*30-150*		
Duplicate (8121595-DUP1) **Source: SA88894-01**										
Prepared: 19-Dec-08 Analyzed: 23-Dec-08										
PCB 1016	BRL		µg/kg dry	21.8		BRL				40
PCB 1221	BRL		µg/kg dry	21.8		BRL				40
PCB 1232	BRL		µg/kg dry	21.8		BRL				40
PCB 1242	BRL		µg/kg dry	21.8		BRL				40
PCB 1248	BRL		µg/kg dry	21.8		BRL				40
PCB 1254	BRL		µg/kg dry	21.8		BRL				40
PCB 1260	BRL		µg/kg dry	21.8		BRL				40
PCB 1262	BRL		µg/kg dry	21.8		BRL				40
PCB 1268	BRL		µg/kg dry	21.8		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.3*		µg/kg dry		*21.8*		*84*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.3*		µg/kg dry		*21.8*		*93*	*30-150*		
Matrix Spike (8121595-MS1) **Source: SA88894-01**										
Prepared: 19-Dec-08 Analyzed: 23-Dec-08										
PCB 1016	242		µg/kg dry	21.5	269	BRL	90	40-140		
PCB 1260	279		µg/kg dry	21.5	269	BRL	104	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg dry		*21.5*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.5*		µg/kg dry		*21.5*		*95*	*30-150*		
Matrix Spike Dup (8121595-MSD1) **Source: SA88894-01**										
Prepared: 19-Dec-08 Analyzed: 23-Dec-08										
PCB 1016	229		µg/kg dry	20.8	260	BRL	88	40-140	3	50
PCB 1260	284		µg/kg dry	20.8	260	BRL	109	40-140	5	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.9*		µg/kg dry		*20.8*		*81*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.8*		µg/kg dry		*20.8*		*95*	*30-150*		
Batch 8121652 - SW846 3550B										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121652 - SW846 3550B										
Blank (8121652-BLK1)										
Prepared: 20-Dec-08 Analyzed: 22-Dec-08										
2,4,5-T	BRL		µg/kg wet	6.70						
2,4,5-T [2C]	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex)	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex) [2C]	BRL		µg/kg wet	6.70						
2,4-D	BRL		µg/kg wet	6.70						
2,4-D [2C]	BRL		µg/kg wet	6.70						
2,4-DB	BRL		µg/kg wet	6.70						
2,4-DB [2C]	BRL		µg/kg wet	6.70						
Dalapon	BRL		µg/kg wet	6.70						
Dalapon [2C]	BRL		µg/kg wet	6.70						
Dicamba	BRL		µg/kg wet	6.70						
Dicamba [2C]	BRL		µg/kg wet	6.70						
Dichlorprop	BRL		µg/kg wet	6.70						
Dichlorprop [2C]	BRL		µg/kg wet	6.70						
Dinoseb	BRL		µg/kg wet	6.70						
Dinoseb [2C]	BRL		µg/kg wet	6.70						
MCPA	BRL		µg/kg wet	670						
MCPA [2C]	BRL		µg/kg wet	670						
MCPB	BRL		µg/kg wet	670						
MCPB [2C]	BRL		µg/kg wet	670						
MCPP	BRL		µg/kg wet	670						
MCPP [2C]	BRL		µg/kg wet	670						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.4*		µg/kg wet		*13.3*		*116*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*17.5*		µg/kg wet		*13.3*		*132*	*30-150*		
LCS (8121652-BS1)										
Prepared: 20-Dec-08 Analyzed: 22-Dec-08										
2,4,5-T	31.8		µg/kg wet	6.70	33.3		95	40-140		
2,4,5-T [2C]	30.1		µg/kg wet	6.70	33.3		90	40-140		
2,4,5-TP (Silvex)	32.2		µg/kg wet	6.70	33.3		97	40-140		
2,4,5-TP (Silvex) [2C]	31.1		µg/kg wet	6.70	33.3		93	40-140		
2,4-D	30.7		µg/kg wet	6.70	33.3		92	40-140		
2,4-D [2C]	26.7		µg/kg wet	6.70	33.3		80	40-140		
2,4-DB	26.6		µg/kg wet	6.70	33.3		80	40-140		
2,4-DB [2C]	25.0		µg/kg wet	6.70	33.3		75	40-140		
Dalapon	22.0		µg/kg wet	6.70	33.3		66	40-140		
Dalapon [2C]	22.9		µg/kg wet	6.70	33.3		69	40-140		
Dicamba	30.8		µg/kg wet	6.70	33.3		92	40-140		
Dicamba [2C]	32.2		µg/kg wet	6.70	33.3		97	40-140		
Dichlorprop	33.5		µg/kg wet	6.70	33.3		101	40-140		
Dichlorprop [2C]	31.6		µg/kg wet	6.70	33.3		95	40-140		
Dinoseb	34.0		µg/kg wet	6.70	33.3		102	40-140		
Dinoseb [2C]	35.5		µg/kg wet	6.70	33.3		107	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.4*		µg/kg wet		*13.3*		*116*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*17.6*		µg/kg wet		*13.3*		*132*	*30-150*		
LCS (8121652-BS2)										
Prepared: 20-Dec-08 Analyzed: 22-Dec-08										
MCPA	9270		µg/kg wet	670	10000		93	40-140		
MCPA [2C]	11100		µg/kg wet	670	10000		111	40-140		
MCPB	9600		µg/kg wet	670	10000		96	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121652 - SW846 3550B										
LCS (8121652-BS2)										
Prepared: 20-Dec-08 Analyzed: 22-Dec-08										
MCPB [2C]	10900		µg/kg wet	670	10000		109	40-140		
MCPP	9470		µg/kg wet	670	10000		95	40-140		
MCPP [2C]	8800		µg/kg wet	670	10000		88	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.9*		µg/kg wet		*13.3*		*127*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*17.9*		µg/kg wet		*13.3*		*134*	*30-150*		
LCS Dup (8121652-BSD1)										
Prepared: 20-Dec-08 Analyzed: 22-Dec-08										
2,4,5-T	33.0		µg/kg wet	6.70	33.3		99	40-140	4	25
2,4,5-T [2C]	31.5		µg/kg wet	6.70	33.3		95	40-140	5	25
2,4,5-TP (Silvex)	32.6		µg/kg wet	6.70	33.3		98	40-140	1	25
2,4,5-TP (Silvex) [2C]	31.9		µg/kg wet	6.70	33.3		96	40-140	3	25
2,4-D	26.7		µg/kg wet	6.70	33.3		80	40-140	14	25
2,4-D [2C]	27.0		µg/kg wet	6.70	33.3		81	40-140	1	25
2,4-DB	28.4		µg/kg wet	6.70	33.3		85	40-140	7	25
2,4-DB [2C]	27.6		µg/kg wet	6.70	33.3		83	40-140	10	25
Dalapon	22.3		µg/kg wet	6.70	33.3		67	40-140	2	25
Dalapon [2C]	23.5		µg/kg wet	6.70	33.3		70	40-140	2	25
Dicamba	29.1		µg/kg wet	6.70	33.3		87	40-140	6	25
Dicamba [2C]	33.2		µg/kg wet	6.70	33.3		100	40-140	3	25
Dichlorprop	32.9		µg/kg wet	6.70	33.3		99	40-140	2	25
Dichlorprop [2C]	29.3		µg/kg wet	6.70	33.3		88	40-140	8	25
Dinoseb	34.5		µg/kg wet	6.70	33.3		103	40-140	1	25
Dinoseb [2C]	37.3		µg/kg wet	6.70	33.3		112	40-140	5	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.6*		µg/kg wet		*13.3*		*117*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*18.1*		µg/kg wet		*13.3*		*136*	*30-150*		
LCS Dup (8121652-BSD2)										
Prepared: 20-Dec-08 Analyzed: 22-Dec-08										
MCPA	8730		µg/kg wet	670	10000		87	40-140	6	25
MCPA [2C]	10700		µg/kg wet	670	10000		107	40-140	4	25
MCPB	10100		µg/kg wet	670	10000		101	40-140	5	25
MCPB [2C]	10900		µg/kg wet	670	10000		109	40-140	0.6	25
MCPP	9930		µg/kg wet	670	10000		99	40-140	5	25
MCPP [2C]	8930		µg/kg wet	670	10000		89	40-140	2	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.9*		µg/kg wet		*13.3*		*120*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*17.0*		µg/kg wet		*13.3*		*128*	*30-150*		
Duplicate (8121652-DUP1) **Source: SA88894-08**										
Prepared: 20-Dec-08 Analyzed: 22-Dec-08										
2,4,5-T	BRL		µg/kg dry	6.70		BRL				30
2,4,5-T [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex) [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-D	BRL		µg/kg dry	6.70		BRL				30
2,4-D [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-DB	BRL		µg/kg dry	6.70		BRL				30
2,4-DB [2C]	BRL		µg/kg dry	6.70		BRL				30
Dalapon	BRL		µg/kg dry	6.70		BRL				30
Dalapon [2C]	BRL		µg/kg dry	6.70		BRL				30
Dicamba	BRL		µg/kg dry	6.70		BRL				30
Dicamba [2C]	BRL		µg/kg dry	6.70		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121652 - SW846 3550B										
Duplicate (8121652-DUP1) Source: SA88894-08										
Prepared: 20-Dec-08 Analyzed: 22-Dec-08										
Dichlorprop	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop [2C]	BRL		µg/kg dry	6.70		BRL				30
Dinoseb	BRL		µg/kg dry	6.70		BRL				30
Dinoseb [2C]	BRL		µg/kg dry	6.70		BRL				30
MCPA	BRL		µg/kg dry	670		BRL				30
MCPA [2C]	BRL		µg/kg dry	670		BRL				30
MCPB	BRL		µg/kg dry	670		BRL				30
MCPB [2C]	BRL		µg/kg dry	670		BRL				30
MCPP	BRL		µg/kg dry	670		BRL				30
MCPP [2C]	BRL		µg/kg dry	670		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.1*		µg/kg dry		*14.6*		*76*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*13.2*		µg/kg dry		*14.6*		*91*	*30-150*		
Batch 8121661 - SW846 3550B										
Blank (8121661-BLK1)										
Prepared: 22-Dec-08 Analyzed: 23-Dec-08										
PCB 1016	BRL		µg/kg wet	20.0						
PCB 1221	BRL		µg/kg wet	20.0						
PCB 1232	BRL		µg/kg wet	20.0						
PCB 1242	BRL		µg/kg wet	20.0						
PCB 1248	BRL		µg/kg wet	20.0						
PCB 1254	BRL		µg/kg wet	20.0						
PCB 1260	BRL		µg/kg wet	20.0						
PCB 1262	BRL		µg/kg wet	20.0						
PCB 1268	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.0*		µg/kg wet		*20.0*		*140*	*30-150*		
LCS (8121661-BS1)										
Prepared: 22-Dec-08 Analyzed: 23-Dec-08										
PCB 1016	251		µg/kg wet	20.0	250		100	40-140		
PCB 1260	245		µg/kg wet	20.0	250		98	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
LCS Dup (8121661-BSD1)										
Prepared: 22-Dec-08 Analyzed: 24-Dec-08										
PCB 1016	250		µg/kg wet	20.0	250		100	40-140	0.4	30
PCB 1260	256		µg/kg wet	20.0	250		102	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.0*		µg/kg wet		*20.0*		*125*	*30-150*		
Duplicate (8121661-DUP1) Source: SA88894-10										
Prepared: 22-Dec-08 Analyzed: 24-Dec-08										
PCB 1016	BRL		µg/kg dry	20.0		BRL				40
PCB 1221	BRL		µg/kg dry	20.0		BRL				40
PCB 1232	BRL		µg/kg dry	20.0		BRL				40
PCB 1242	BRL		µg/kg dry	20.0		BRL				40
PCB 1248	BRL		µg/kg dry	20.0		BRL				40
PCB 1254	BRL		µg/kg dry	20.0		BRL				40
PCB 1260	BRL		µg/kg dry	20.0		BRL				40
PCB 1262	BRL		µg/kg dry	20.0		BRL				40
PCB 1268	BRL		µg/kg dry	20.0		BRL				40

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121596 - SW846 3550B										
Blank (8121596-BLK1)										
Prepared: 19-Dec-08 Analyzed: 23-Dec-08										
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*3.09*		mg/kg wet		*3.33*		*93*	*50-150*		
LCS (8121596-BS1)										
Prepared: 19-Dec-08 Analyzed: 23-Dec-08										
C9-C36 Aliphatic Hydrocarbons	67.0		mg/kg wet	13.3	93.3		72	60-120		
Surrogate: 1-Chlorooctadecane	*2.45*		mg/kg wet		*3.33*		*73*	*50-150*		
Duplicate (8121596-DUP1) Source: SA88972-02										
Prepared: 19-Dec-08 Analyzed: 23-Dec-08										
Gasoline	BRL		mg/kg dry	15.2		BRL				50
Fuel Oil #2	BRL		mg/kg dry	15.2		BRL				50
Fuel Oil #4	BRL		mg/kg dry	15.2		BRL				50
Fuel Oil #6	BRL		mg/kg dry	15.2		BRL				50
Motor Oil	BRL		mg/kg dry	15.2		BRL				50
Aviation Fuel	BRL		mg/kg dry	15.2		BRL				50
Unidentified	BRL		mg/kg dry	15.2		BRL				50
Other Oil	BRL		mg/kg dry	15.2		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.2		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.2		BRL				50
Surrogate: 1-Chlorooctadecane	*1.79*		mg/kg dry		*1.90*		*94*	*50-150*		
Matrix Spike (8121596-MS1) Source: SA88972-02										
Prepared: 19-Dec-08 Analyzed: 23-Dec-08										
C9-C36 Aliphatic Hydrocarbons	77.9		mg/kg dry	15.2	107	BRL	73	50-150		
Surrogate: 1-Chlorooctadecane	*2.77*		mg/kg dry		*3.81*		*73*	*50-150*		
Matrix Spike Dup (8121596-MSD1) Source: SA88972-02										
Prepared: 19-Dec-08 Analyzed: 23-Dec-08										
C9-C36 Aliphatic Hydrocarbons	71.1		mg/kg dry	15.3	107	BRL	66	50-150	10	30
Surrogate: 1-Chlorooctadecane	*2.52*		mg/kg dry		*3.83*		*66*	*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 8121374 - SW846 3050B										
Blank (8121374-BLK1)										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Lead	BRL		mg/kg wet	1.32						
Selenium	BRL		mg/kg wet	1.32						
Silver	BRL		mg/kg wet	1.32						
Arsenic	BRL		mg/kg wet	1.32						
Cadmium	BRL		mg/kg wet	0.439						
Chromium	BRL		mg/kg wet	0.878						
Barium	BRL		mg/kg wet	0.878						
Duplicate (8121374-DUP1) Source: SA88894-01										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Lead	18.0		mg/kg dry	1.41		19.5			8	20
Selenium	BRL		mg/kg dry	1.41		BRL				20
Cadmium	0.474		mg/kg dry	0.469		0.546			14	20
Chromium	7.70		mg/kg dry	0.939		8.74			13	20
Arsenic	1.81		mg/kg dry	1.41		1.87			3	20
Silver	BRL		mg/kg dry	1.41		BRL				20
Barium	35.2		mg/kg dry	0.939		41.9			17	20
Matrix Spike (8121374-MS1) Source: SA88894-02										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Selenium	122		mg/kg dry	1.60	133	BRL	91	75-125		
Lead	127		mg/kg dry	1.60	133	9.81	88	75-125		
Cadmium	126		mg/kg dry	0.534	133	0.527	94	75-125		
Silver	119		mg/kg dry	1.60	133	BRL	89	75-125		
Chromium	135		mg/kg dry	1.07	133	9.74	94	75-125		
Arsenic	122		mg/kg dry	1.60	133	1.37	90	75-125		
Barium	170		mg/kg dry	1.07	133	39.9	97	75-125		
Matrix Spike Dup (8121374-MSD1) Source: SA88894-02										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Lead	121		mg/kg dry	1.53	127	9.81	87	75-125	5	20
Selenium	116		mg/kg dry	1.53	127	BRL	91	75-125	5	20
Cadmium	120		mg/kg dry	0.510	127	0.527	94	75-125	5	20
Arsenic	116		mg/kg dry	1.53	127	1.37	90	75-125	5	20
Silver	113		mg/kg dry	1.53	127	BRL	89	75-125	5	20
Chromium	128		mg/kg dry	1.02	127	9.74	93	75-125	5	20
Barium	165		mg/kg dry	1.02	127	39.9	98	75-125	3	20
Post Spike (8121374-PS1) Source: SA88894-02										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Lead	114		mg/kg dry	1.45	121	9.81	86	80-120		
Selenium	110		mg/kg dry	1.45	121	BRL	91	80-120		
Cadmium	114		mg/kg dry	0.483	121	0.527	94	80-120		
Silver	108		mg/kg dry	1.45	121	BRL	89	80-120		
Arsenic	110		mg/kg dry	1.45	121	1.37	90	80-120		
Chromium	122		mg/kg dry	0.966	121	9.74	93	80-120		
Barium	153		mg/kg dry	0.966	121	39.9	94	80-120		
Reference (8121374-SRM1)										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Lead	40.4		mg/kg wet	1.50	44.1		92	78.8-120.9		
Selenium	140		mg/kg wet	1.50	147		95	76.6-123.1		

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 8121374 - SW846 3050B										
Reference (8121374-SRM1)										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Chromium	112		mg/kg wet	1.00	121		92	79.7-120.3		
Silver	14.9		mg/kg wet	1.50	15.5		96	66.4-133.6		
Arsenic	49.5		mg/kg wet	1.50	53.4		93	77.6-123.1		
Cadmium	30.2		mg/kg wet	0.500	31.2		97	80.9-119.3		
Barium	102		mg/kg wet	1.00	102		100	79.8-119.7		
Reference (8121374-SRM2)										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Lead	40.8		mg/kg wet	1.50	43.1		95	78.8-120.9		
Selenium	140		mg/kg wet	1.50	143		98	76.6-123.1		
Arsenic	50.4		mg/kg wet	1.50	52.1		97	77.6-123.1		
Chromium	113		mg/kg wet	1.00	118		96	79.7-120.3		
Silver	15.1		mg/kg wet	1.50	15.1		100	66.4-133.6		
Cadmium	30.7		mg/kg wet	0.500	30.4		101	80.9-119.3		
Barium	103		mg/kg wet	1.00	99.1		104	79.8-119.7		
Batch 8121375 - EPA200/SW7000 Series										
Blank (8121375-BLK1)										
Prepared: 22-Dec-08 Analyzed: 26-Dec-08										
Mercury	BRL		mg/kg wet	0.0279						
Duplicate (8121375-DUP1) **Source: SA88894-01**										
Prepared: 22-Dec-08 Analyzed: 26-Dec-08										
Mercury	2.47	QR6	mg/kg dry	0.0311		1.87			28	20
Matrix Spike (8121375-MS1) **Source: SA88894-02**										
Prepared: 22-Dec-08 Analyzed: 26-Dec-08										
Mercury	0.551		mg/kg dry	0.0334	0.464	0.143	88	75-125		
Matrix Spike Dup (8121375-MSD1) **Source: SA88894-02**										
Prepared: 22-Dec-08 Analyzed: 26-Dec-08										
Mercury	0.568		mg/kg dry	0.0325	0.452	0.143	94	75-125	3	20
Post Spike (8121375-PS1) **Source: SA88894-02**										
Prepared: 22-Dec-08 Analyzed: 26-Dec-08										
Mercury	0.523		mg/kg dry	0.0305	0.424	0.143	90	80-120		
Reference (8121375-SRM1)										
Prepared: 22-Dec-08 Analyzed: 26-Dec-08										
Mercury	2.05		mg/kg wet	0.0300	2.21		93	71.7-128.8		

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 9010116 - SW846 3010A										
Blank (9010116-BLK1)										
Prepared & Analyzed: 05-Jan-09										
Lead	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0100						
LCS (9010116-BS1)										
Prepared & Analyzed: 05-Jan-09										
Lead	2.45		mg/l	0.0150	2.50		98	85-115		
Chromium	2.61		mg/l	0.0100	2.50		104	85-115		
LCS Dup (9010116-BSD1)										
Prepared & Analyzed: 05-Jan-09										
Lead	2.42		mg/l	0.0150	2.50		97	85-115	1	20
Chromium	2.48		mg/l	0.0100	2.50		99	85-115	5	20
Duplicate (9010116-DUP1)	**Source: SA88675-10**									
Prepared & Analyzed: 05-Jan-09										
Lead	BRL		mg/l	0.0150		0.0069				20
Chromium	BRL		mg/l	0.0100		BRL				20
Matrix Spike (9010116-MS1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Lead	2.43		mg/l	0.0150	2.50	BRL	97	75-125		
Chromium	2.48		mg/l	0.0100	2.50	BRL	99	75-125		
Matrix Spike Dup (9010116-MSD1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Lead	2.42		mg/l	0.0150	2.50	BRL	97	75-125	0.5	20
Chromium	2.47		mg/l	0.0100	2.50	BRL	99	75-125	0.4	20
Post Spike (9010116-PS1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Lead	2.44		mg/l	0.0150	2.50	BRL	97	75-125		
Chromium	2.50		mg/l	0.0100	2.50	BRL	100	75-125		
Batch 9010118 - EPA200/SW7000 Series										
Blank (9010118-BLK1)										
Prepared & Analyzed: 05-Jan-09										
Mercury	BRL		mg/l	0.00020						
LCS (9010118-BS1)										
Prepared & Analyzed: 05-Jan-09										
Mercury	0.00444		mg/l	0.00020	0.00500		89	56.1-122		
Duplicate (9010118-DUP1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Mercury	0.00142		mg/l	0.00020		0.00138			3	20
Matrix Spike (9010118-MS1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Mercury	0.00584		mg/l	0.00020	0.00500	0.00138	89	59.8-119		
Matrix Spike Dup (9010118-MSD1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Mercury	0.00588		mg/l	0.00020	0.00500	0.00138	90	59.8-119	0.7	20
Post Spike (9010118-PS1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										

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 9010118 - EPA200/SW7000 Series										
Post Spike (9010118-PS1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Mercury	0.00588		mg/l	0.00020	0.00500	0.00138	90	72.4-113		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121384 - General Preparation										
Duplicate (8121384-DUP1)	**Source: SA88889-08**									
Prepared & Analyzed: 16-Dec-08										
% Solids	91.2		%			91.1			0.06	20
Batch 8121385 - General Preparation										
Duplicate (8121385-DUP1)	**Source: SA88894-08**									
Prepared & Analyzed: 16-Dec-08										
% Solids	89.4		%			88.9			0.6	20

Notes and Definitions

QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
Z-2	The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.
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

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Leja

SA 88894

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [x] 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 Brussard

Invoice To: DAS XX 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08010
Site Name: Hartford Busway
Location: Hartford State: CT
Sampler(s): Patrick S. 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= DI H_2O 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

QA Reporting Notes: (check if needed)
- [ ] Provide MA DEP MCP CAM Report
- [ ] Provide CT DEP RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

* State specific reporting standards: CT

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	Total RCRA8 metals		
88894 01	RSB-B32	12/15/08	945	G	SO	7,9	3	2				X	X	X	X	X	X		
02	RSB-B33		1015																
03	RSB-B34		1040																
04	RSB-B35		1115																
05	RSB-B36		1145																
06	RSB-B37		1245																
07	RSB-B38		1315																
08	RSB-B39		1345																
09	RSB-B40		1415																
10	RSB-B41		1445																

- [ ] Fax results when available to (____) _____
- [x] E-mail to david.brussard@tetratech.com
EDD Format patrick.depaula

Condition upon receipt: [ ] Iced [ ] Ambient [x] 0.9

Relinquished by:	Received by:	Date:	Time:
Patrick dePaula	[illegible]	12.16.08	920
[illegible]	[illegible]	12/16/08	1142

SA 88894

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

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 Brossard

Invoice To: DAS XX 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08010
Site Name: Hartford Busway
Location: Hartford State: CT
Sampler(s): Patrick S 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= DI H_2O 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

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DEP RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____
State specific reporting standards: CT

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	Total RCRA8 metals	SPLP Pb, Cr, Hg
88894.01	RSB-B32	12/15/08	945	G	SO	79	3	2			X	X	X	X	X	X	
02	RSB-B33		1015														
03	RSB-B34		1040														X
04	RSB-B35		1115														
05	RSB-B36		1145														
06	RSB-B37		1245														
07	RSB-B38		1315														
08	RSB-B39		1345														
09	RSB-B40		1415														
10	RSB-B41		1445														

ADDED ANALYSIS 12.16.09 See attached

☐ Fax results when available to (____) _____
☒ E-mail to david.brossard@tetratech.com
EDD Format patrick.depaula

Condition upon receipt: ☐ Iced ☐ Ambient ☒ 0.9

Relinquished by:	Received by:	Date:	Time:
Patrick dePaula	[illegible]	12.16.09	920
[illegible]	[illegible]	12/16/08	1142

Report Date:
09-Feb-09 17:37

☑ 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: Hartford Busway - Hartford, CT
Project 127-17797-08010

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA88972-01	RSB-B42	Soil	15-Dec-08 09:00	17-Dec-08 14:30
SA88972-02	RSB-B43	Soil	15-Dec-08 09:30	17-Dec-08 14:30

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

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

Authorized by:

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

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 36 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supercedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report is available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

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

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

CASE NARRATIVE:

The samples were received 2.8 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.

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

SW846 1311

Samples:

SA88972-02 *RSB-B43*

This sample was analyzed outside the EPA recommended holding time per client request.

TCLP Extraction

SW846 1312/6010B

Duplicates:

9010116-DUP1 *Source: SA88675-10*

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

Barium

SW846 6010B

Spikes:

8121509-MS1 *Source: SA88972-02*

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

Silver

8121509-MSD1 *Source: SA88972-02*

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

Barium

~~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

Barium

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

Silver

SW846 7471A

SW846 7471A

Spikes:

8121510-MS1 *Source: SA88972-02*

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

Mercury

8121510-MSD1 *Source: SA88972-02*

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

Mercury

SW846 8151A

Samples:

S815284-CCV4

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

S815310-CCV6

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]

SW846 8260B

Laboratory Control Samples:

8121526-BS1

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

Chloromethane

Analyte out of acceptance range.

2-Hexanone (MBK)

8121526-BSD1

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

Chloromethane

Analyte out of acceptance range.

Ethanol

SW846 8270C

Laboratory Control Samples:

8121601-BS1

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

4-Chloroaniline
Aniline

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B42 SA88972-01	127-17797-08010	Soil	15-Dec-08 09:00	17-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	17-Dec-08	17-Dec-08	8121482	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.59 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.3	1	SW846 8260B	18-Dec-08	18-Dec-08	8121526	X
67-64-1	Acetone	BRL		µg/kg dry	53.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	53.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.6	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	53.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	53.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	53.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.3	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B42	127-17797-08010	Soil	15-Dec-08 09:00	17-Dec-08
SA88972-01				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.59 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.3	1	SW846 8260B	18-Dec-08	18-Dec-08	8121526	X
100-42-5	Styrene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.3	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	53.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	53.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	106	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	26.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2130	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*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	355	1	SW846 8270C	19-Dec-08	22-Dec-08	8121601	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	355	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	355	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	355	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	355	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	355	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	355	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	355	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	355	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	355	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	355	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	355	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	355	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	355	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B42 SA88972-01	127-17797-08010	Soil	15-Dec-08 09:00	17-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	355	1	SW846 8270C	19-Dec-08	22-Dec-08	8121601	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	355	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	355	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	355	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	355	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	355	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	355	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	355	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	355	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	355	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	355	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	355	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	355	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	355	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	355	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	355	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	355	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	355	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	355	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	355	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	355	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	355	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	355	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	355	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	355	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	355	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	355	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	355	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	355	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	355	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	355	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	355	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1420	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1420	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	355	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	355	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B42	127-17797-08010	Soil	15-Dec-08 09:00	17-Dec-08
SA88972-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	355	1	SW846 8270C	19-Dec-08	22-Dec-08	8121601	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	355	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	355	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	355	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	355	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	355	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	355	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*85*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*63*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*85*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*58*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*81*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*87*		*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	20.9	1	SW846 8082	22-Dec-08	24-Dec-08	8121661	X
11104-28-2	PCB 1221	BRL		µg/kg dry	20.9	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	20.9	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	20.9	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	20.9	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	20.9	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	20.9	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	20.9	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	20.9	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	18-Dec-08	20-Dec-08	8121500	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*93*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B42 SA88972-01	127-17797-08010	Soil	15-Dec-08 09:00	17-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.3	1	+CT ETPH	19-Dec-08	23-Dec-08	8121596	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.3	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.3	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.3	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*98*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.62	1	SW846 6010B	23-Dec-08	27-Dec-08	8121509	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.62	1	"	"	"	"	X
7440-39-3	Barium	63.8		mg/kg dry	1.08	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.541	1	"	"	"	"	X
7440-47-3	Chromium	12.5		mg/kg dry	1.08	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0286	1	SW846 7471A	"	29-Dec-08	8121510	X
7439-92-1	Lead	5.56		mg/kg dry	1.62	1	SW846 6010B	"	27-Dec-08	8121509	X
7782-49-2	Selenium	BRL		mg/kg dry	1.62	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	91.7		%		1	SM2540 G Mod.	17-Dec-08	17-Dec-08	8121480	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B43 SA88972-02	127-17797-08010	Soil	15-Dec-08 09:30	17-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	17-Dec-08	17-Dec-08	8121482	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.13 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.5	1	SW846 8260B	18-Dec-08	18-Dec-08	8121526	X
67-64-1	Acetone	BRL		µg/kg dry	65.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	13.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	65.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	32.6	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	13.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	65.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	65.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	65.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.5	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B43 SA88972-02	127-17797-08010	Soil	15-Dec-08 09:30	17-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.13 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.5	1	SW846 8260B	18-Dec-08	18-Dec-08	8121526	X
100-42-5	Styrene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	65.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	65.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	130	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	32.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2610	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*96*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*126*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*104*		*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	385	1	SW846 8270C	19-Dec-08	22-Dec-08	8121601	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	385	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	385	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	385	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	385	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	385	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	385	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	385	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	385	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	385	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	385	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	385	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	385	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	385	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B43 SA88972-02	127-17797-08010	Soil	15-Dec-08 09:30	17-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	385	1	SW846 8270C	19-Dec-08	22-Dec-08	8121601	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	385	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	385	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	385	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	385	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	385	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	385	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	385	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	385	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	385	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	385	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	385	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	385	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	385	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	385	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	385	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	385	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	385	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	385	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	385	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	385	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	385	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	385	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	385	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	385	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	385	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	385	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	385	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	385	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	385	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	385	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	385	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	385	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	385	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	385	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	385	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	385	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	385	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	385	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	385	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	385	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	385	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	385	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	385	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1540	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	385	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	385	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1540	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	385	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	385	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B43 SA88972-02	127-17797-08010	Soil	15-Dec-08 09:30	17-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	385	1	SW846 8270C	19-Dec-08	22-Dec-08	8121601	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	385	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	385	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	385	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	385	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	385	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	385	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	385	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	385	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	385	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	385	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*42*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*30*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*42*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*28*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*38*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*42*		*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	22.8	1	SW846 8082	22-Dec-08	24-Dec-08	8121661	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.8	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.8	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.8	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.8	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	18-Dec-08	20-Dec-08	8121500	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*88*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B43 SA88972-02	127-17797-08010	Soil	15-Dec-08 09:30	17-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.5	1	+CT ETPH	19-Dec-08	23-Dec-08	8121596	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*103*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.59	1	SW846 6010B	23-Dec-08	27-Dec-08	8121509	X
7440-38-2	Arsenic	3.03		mg/kg dry	1.59	1	"	"	"	"	X
7440-39-3	Barium	160		mg/kg dry	1.06	1	"	"	"	"	X
7440-43-9	Cadmium	1.19		mg/kg dry	0.530	1	"	"	"	"	X
7440-47-3	Chromium	26.1		mg/kg dry	1.06	1	"	"	"	"	X
7439-97-6	Mercury	0.330		mg/kg dry	0.0326	1	SW846 7471A	"	29-Dec-08	8121510	X
7439-92-1	Lead	29.7		mg/kg dry	1.59	1	SW846 6010B	"	27-Dec-08	8121509	X
7782-49-2	Selenium	BRL		mg/kg dry	1.59	1	"	"	"	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed	O09	N/A		1	SW846 1311	03-Feb-09	03-Feb-09	9020220	X
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1311/7470A	05-Feb-09	06-Feb-09	9020247	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	02-Jan-09	02-Jan-09	9010069	
7440-39-3	Barium	0.0272		mg/l	0.0100	1	SW846 1312/6010B	05-Jan-09	05-Jan-09	9010116	
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	05-Jan-09	9010118	
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	05-Jan-09	9010116	
General Chemistry Parameters											
	% Solids	85.7		%		1	SM2540 G Mod.	17-Dec-08	17-Dec-08	8121480	

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121526 - SW846 5035A Soil (low level)										
Blank (8121526-BLK1)										
Prepared & Analyzed: 18-Dec-08										
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 8121526 - SW846 5035A Soil (low level)										
Blank (8121526-BLK1)										
Prepared & Analyzed: 18-Dec-08										
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						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	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						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*48.0*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*58.7*		µg/kg wet		*50.0*		*117*	*70-130*		
Surrogate: Dibromofluoromethane	*54.2*		µg/kg wet		*50.0*		*108*	*70-130*		
LCS (8121526-BS1)										
Prepared & Analyzed: 18-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.8		µg/kg wet		20.0		99	70-130		
Acetone	8.1		µg/kg wet		20.0		40	0-168		
Acrylonitrile	15.4		µg/kg wet		20.0		77	70-130		
Benzene	21.1		µg/kg wet		20.0		106	70-130		
Bromobenzene	17.2		µg/kg wet		20.0		86	70-130		
Bromochloromethane	15.6		µg/kg wet		20.0		78	70-130		
Bromodichloromethane	19.9		µg/kg wet		20.0		100	70-130		
Bromoform	18.4		µg/kg wet		20.0		92	70-130		
Bromomethane	13.6		µg/kg wet		20.0		68	40.9-138		
2-Butanone (MEK)	16.0		µg/kg wet		20.0		80	29.8-145		
n-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130		
sec-Butylbenzene	17.9		µg/kg wet		20.0		89	70-130		
tert-Butylbenzene	17.3		µg/kg wet		20.0		87	70-130		
Carbon disulfide	19.7		µg/kg wet		20.0		99	70-130		
Carbon tetrachloride	21.8		µg/kg wet		20.0		109	70-130		
Chlorobenzene	20.3		µg/kg wet		20.0		101	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121526 - SW846 5035A Soil (low level)										
LCS (8121526-BS1)										
Prepared & Analyzed: 18-Dec-08										
Chloroethane	15.0		µg/kg wet		20.0		75	47.5-130		
Chloroform	18.6		µg/kg wet		20.0		93	70-130		
Chloromethane	12.6	QC2	µg/kg wet		20.0		63	70-130		
2-Chlorotoluene	18.4		µg/kg wet		20.0		92	70-130		
4-Chlorotoluene	17.7		µg/kg wet		20.0		89	70-130		
1,2-Dibromo-3-chloropropane	17.4		µg/kg wet		20.0		87	70-130		
Dibromochloromethane	17.8		µg/kg wet		20.0		89	66.2-130		
1,2-Dibromoethane (EDB)	15.9		µg/kg wet		20.0		79	70-130		
Dibromomethane	18.5		µg/kg wet		20.0		92	70-130		
1,2-Dichlorobenzene	19.6		µg/kg wet		20.0		98	70-130		
1,3-Dichlorobenzene	16.4		µg/kg wet		20.0		82	70-130		
1,4-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	11.9		µg/kg wet		20.0		60	32-158		
1,1-Dichloroethane	19.4		µg/kg wet		20.0		97	70-130		
1,2-Dichloroethane	18.1		µg/kg wet		20.0		91	70-130		
1,1-Dichloroethene	18.5		µg/kg wet		20.0		92	70-130		
cis-1,2-Dichloroethene	19.1		µg/kg wet		20.0		96	70-130		
trans-1,2-Dichloroethene	21.5		µg/kg wet		20.0		108	70-130		
1,2-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130		
1,3-Dichloropropane	16.3		µg/kg wet		20.0		81	70-130		
2,2-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130		
1,1-Dichloropropene	21.0		µg/kg wet		20.0		105	70-130		
cis-1,3-Dichloropropene	18.3		µg/kg wet		20.0		92	70-130		
trans-1,3-Dichloropropene	17.6		µg/kg wet		20.0		88	70-130		
Ethylbenzene	20.3		µg/kg wet		20.0		101	70-130		
Hexachlorobutadiene	18.4		µg/kg wet		20.0		92	53.6-138		
2-Hexanone (MBK)	13.5	QC1	µg/kg wet		20.0		67	70-130		
Isopropylbenzene	20.0		µg/kg wet		20.0		100	70-130		
4-Isopropyltoluene	20.6		µg/kg wet		20.0		103	70-130		
Methyl tert-butyl ether	19.5		µg/kg wet		20.0		98	70-130		
4-Methyl-2-pentanone (MIBK)	13.2		µg/kg wet		20.0		66	53.5-137		
Methylene chloride	16.5		µg/kg wet		20.0		82	70-130		
Naphthalene	16.1		µg/kg wet		20.0		81	70-130		
n-Propylbenzene	18.8		µg/kg wet		20.0		94	70-130		
Styrene	18.6		µg/kg wet		20.0		93	70-130		
1,1,1,2-Tetrachloroethane	20.7		µg/kg wet		20.0		104	70-130		
1,1,2,2-Tetrachloroethane	16.7		µg/kg wet		20.0		84	70-130		
Tetrachloroethene	17.7		µg/kg wet		20.0		88	70-130		
Toluene	16.8		µg/kg wet		20.0		84	70-130		
1,2,3-Trichlorobenzene	16.9		µg/kg wet		20.0		84	70-130		
1,2,4-Trichlorobenzene	17.6		µg/kg wet		20.0		88	70-130		
1,3,5-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,1,1-Trichloroethane	20.8		µg/kg wet		20.0		104	70-130		
1,1,2-Trichloroethane	17.5		µg/kg wet		20.0		88	70-130		
Trichloroethene	20.7		µg/kg wet		20.0		103	70-130		
Trichlorofluoromethane (Freon 11)	17.8		µg/kg wet		20.0		89	50.9-138		
1,2,3-Trichloropropane	15.1		µg/kg wet		20.0		76	70-130		
1,2,4-Trimethylbenzene	17.9		µg/kg wet		20.0		89	70-130		
1,3,5-Trimethylbenzene	18.2		µg/kg wet		20.0		91	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121526 - SW846 5035A Soil (low level)										
LCS (8121526-BS1)										
Prepared & Analyzed: 18-Dec-08										
Vinyl chloride	14.4		µg/kg wet		20.0		72	70-130		
m,p-Xylene	39.3		µg/kg wet		40.0		98	70-130		
o-Xylene	18.6		µg/kg wet		20.0		93	70-130		
Tetrahydrofuran	15.9		µg/kg wet		20.0		80	70-130		
Ethyl ether	20.8		µg/kg wet		20.0		104	61.4-130		
Tert-amyl methyl ether	15.9		µg/kg wet		20.0		79	70-130		
Ethyl tert-butyl ether	19.9		µg/kg wet		20.0		99	70-130		
Di-isopropyl ether	21.6		µg/kg wet		20.0		108	70-130		
Tert-Butanol / butyl alcohol	142		µg/kg wet		200		71	70-130		
1,4-Dioxane	139		µg/kg wet		200		69	48.3-142		
trans-1,4-Dichloro-2-butene	16.5		µg/kg wet		20.0		83	70-130		
Ethanol	278		µg/kg wet		400		70	70-130		
Surrogate: 4-Bromofluorobenzene	*44.9*		µg/kg wet		*50.0*		*90*	*70-130*		
Surrogate: Toluene-d8	*45.4*		µg/kg wet		*50.0*		*91*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.2*		µg/kg wet		*50.0*		*90*	*70-130*		
Surrogate: Dibromofluoromethane	*48.6*		µg/kg wet		*50.0*		*97*	*70-130*		
LCS Dup (8121526-BSD1)										
Prepared & Analyzed: 18-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.6		µg/kg wet		20.0		98	70-130	1	25
Acetone	7.8		µg/kg wet		20.0		39	0-168	4	50
Acrylonitrile	15.8		µg/kg wet		20.0		79	70-130	3	25
Benzene	21.3		µg/kg wet		20.0		106	70-130	0.7	25
Bromobenzene	17.1		µg/kg wet		20.0		85	70-130	0.7	25
Bromochloromethane	15.1		µg/kg wet		20.0		76	70-130	3	25
Bromodichloromethane	20.4		µg/kg wet		20.0		102	70-130	2	25
Bromoform	18.8		µg/kg wet		20.0		94	70-130	2	25
Bromomethane	13.5		µg/kg wet		20.0		68	40.9-138	0.8	50
2-Butanone (MEK)	15.3		µg/kg wet		20.0		76	29.8-145	5	50
n-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130	4	25
sec-Butylbenzene	17.6		µg/kg wet		20.0		88	70-130	2	25
tert-Butylbenzene	17.0		µg/kg wet		20.0		85	70-130	2	25
Carbon disulfide	19.6		µg/kg wet		20.0		98	70-130	0.6	25
Carbon tetrachloride	21.7		µg/kg wet		20.0		109	70-130	0.3	25
Chlorobenzene	20.2		µg/kg wet		20.0		101	70-130	0.7	25
Chloroethane	15.1		µg/kg wet		20.0		76	47.5-130	1	50
Chloroform	19.3		µg/kg wet		20.0		97	70-130	4	25
Chloromethane	12.1	QC2	µg/kg wet		20.0		60	70-130	4	25
2-Chlorotoluene	18.5		µg/kg wet		20.0		93	70-130	0.4	25
4-Chlorotoluene	17.8		µg/kg wet		20.0		89	70-130	0.2	25
1,2-Dibromo-3-chloropropane	20.0		µg/kg wet		20.0		100	70-130	14	25
Dibromochloromethane	18.1		µg/kg wet		20.0		90	66.2-130	2	50
1,2-Dibromoethane (EDB)	16.2		µg/kg wet		20.0		81	70-130	2	25
Dibromomethane	18.3		µg/kg wet		20.0		91	70-130	1	25
1,2-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	1	25
1,3-Dichlorobenzene	16.5		µg/kg wet		20.0		82	70-130	0.2	25
1,4-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	1	25
Dichlorodifluoromethane (Freon12)	11.9		µg/kg wet		20.0		60	32-158	0.08	50
1,1-Dichloroethane	19.6		µg/kg wet		20.0		98	70-130	0.8	25
1,2-Dichloroethane	19.1		µg/kg wet		20.0		95	70-130	5	25
1,1-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130	4	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121526 - SW846 5035A Soil (low level)										
LCS Dup (8121526-BSD1)										
Prepared & Analyzed: 18-Dec-08										
cis-1,2-Dichloroethene	19.0		µg/kg wet		20.0		95	70-130	0.8	25
trans-1,2-Dichloroethene	21.5		µg/kg wet		20.0		108	70-130	0.05	25
1,2-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130	3	25
1,3-Dichloropropane	17.6		µg/kg wet		20.0		88	70-130	8	25
2,2-Dichloropropane	19.8		µg/kg wet		20.0		99	70-130	3	25
1,1-Dichloropropene	21.4		µg/kg wet		20.0		107	70-130	2	25
cis-1,3-Dichloropropene	18.4		µg/kg wet		20.0		92	70-130	0.4	25
trans-1,3-Dichloropropene	18.3		µg/kg wet		20.0		92	70-130	4	25
Ethylbenzene	20.2		µg/kg wet		20.0		101	70-130	0.3	25
Hexachlorobutadiene	18.9		µg/kg wet		20.0		95	53.6-138	3	50
2-Hexanone (MBK)	14.2		µg/kg wet		20.0		71	70-130	5	25
Isopropylbenzene	19.9		µg/kg wet		20.0		100	70-130	0.5	25
4-Isopropyltoluene	20.4		µg/kg wet		20.0		102	70-130	1	25
Methyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130	5	25
4-Methyl-2-pentanone (MIBK)	15.0		µg/kg wet		20.0		75	53.5-137	12	50
Methylene chloride	17.0		µg/kg wet		20.0		85	70-130	3	25
Naphthalene	16.2		µg/kg wet		20.0		81	70-130	0.2	25
n-Propylbenzene	19.0		µg/kg wet		20.0		95	70-130	0.6	25
Styrene	18.8		µg/kg wet		20.0		94	70-130	0.9	25
1,1,1,2-Tetrachloroethane	21.5		µg/kg wet		20.0		108	70-130	4	25
1,1,2,2-Tetrachloroethane	17.6		µg/kg wet		20.0		88	70-130	5	25
Tetrachloroethene	17.9		µg/kg wet		20.0		89	70-130	1	25
Toluene	16.9		µg/kg wet		20.0		85	70-130	0.9	25
1,2,3-Trichlorobenzene	17.3		µg/kg wet		20.0		87	70-130	3	25
1,2,4-Trichlorobenzene	17.8		µg/kg wet		20.0		89	70-130	2	25
1,3,5-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130	0.05	25
1,1,1-Trichloroethane	21.0		µg/kg wet		20.0		105	70-130	1	25
1,1,2-Trichloroethane	17.5		µg/kg wet		20.0		88	70-130	0.2	25
Trichloroethene	19.9		µg/kg wet		20.0		99	70-130	4	25
Trichlorofluoromethane (Freon 11)	17.4		µg/kg wet		20.0		87	50.9-138	2	50
1,2,3-Trichloropropane	15.8		µg/kg wet		20.0		79	70-130	5	25
1,2,4-Trimethylbenzene	18.0		µg/kg wet		20.0		90	70-130	0.6	25
1,3,5-Trimethylbenzene	18.0		µg/kg wet		20.0		90	70-130	1	25
Vinyl chloride	14.0		µg/kg wet		20.0		70	70-130	3	25
m,p-Xylene	39.4		µg/kg wet		40.0		98	70-130	0.1	25
o-Xylene	18.9		µg/kg wet		20.0		95	70-130	2	25
Tetrahydrofuran	16.3		µg/kg wet		20.0		81	70-130	2	25
Ethyl ether	21.5		µg/kg wet		20.0		108	61.4-130	3	50
Tert-amyl methyl ether	19.4		µg/kg wet		20.0		97	70-130	20	25
Ethyl tert-butyl ether	20.5		µg/kg wet		20.0		102	70-130	3	25
Di-isopropyl ether	22.9		µg/kg wet		20.0		114	70-130	6	25
Tert-Butanol / butyl alcohol	151		µg/kg wet		200		76	70-130	6	25
1,4-Dioxane	146		µg/kg wet		200		73	48.3-142	5	25
trans-1,4-Dichloro-2-butene	16.7		µg/kg wet		20.0		83	70-130	0.8	25
Ethanol	275	QC1	µg/kg wet		400		69	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*44.9*		µg/kg wet		*50.0*		*90*	*70-130*		
Surrogate: Toluene-d8	*45.8*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.1*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*48.6*		µg/kg wet		*50.0*		*97*	*70-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121601 - SW846 3550B										
Blank (8121601-BLK1)										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121601 - SW846 3550B										
Blank (8121601-BLK1)										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
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						
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	*2370*		µg/kg wet		*3330*		*71*	*30-130*		
Surrogate: 2-Fluorophenol	*1790*		µg/kg wet		*3330*		*54*	*15-110*		
Surrogate: Nitrobenzene-d5	*2400*		µg/kg wet		*3330*		*72*	*30-130*		
Surrogate: Phenol-d5	*1670*		µg/kg wet		*3330*		*50*	*15-110*		
Surrogate: Terphenyl-dl4	*2370*		µg/kg wet		*3330*		*71*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2500*		µg/kg wet		*3330*		*75*	*15-110*		
LCS (8121601-BS1)										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
Acenaphthene	2830		µg/kg wet	330	3330		85	40-130		
Acenaphthylene	2780		µg/kg wet	330	3330		83	40-130		
Aniline	658	QC2	µg/kg wet	330	3330		20	40-130		
Anthracene	2520		µg/kg wet	330	3330		76	40-130		
Atrazine	2050		µg/kg wet	330	3330		62	40-130		
Azobenzene/Diphenyldiazine	2600		µg/kg wet	330	3330		78	40-130		
Benzidine	85.3		µg/kg wet	330	3330		3	0-130		
Benzo (a) anthracene	3010		µg/kg wet	330	3330		90	40-130		
Benzo (a) pyrene	2460		µg/kg wet	330	3330		74	40-130		
Benzo (b) fluoranthene	2640		µg/kg wet	330	3330		79	40-130		
Benzo (g,h,i) perylene	2280		µg/kg wet	330	3330		68	40-130		
Benzo (k) fluoranthene	2600		µg/kg wet	330	3330		78	40-130		
Benzoic acid	2270		µg/kg wet	330	3330		68	3.25-130		
Benzyl alcohol	1780		µg/kg wet	330	3330		53	40-130		
Bis(2-chloroethoxy)methane	2460		µg/kg wet	330	3330		74	40-130		
Bis(2-chloroethyl)ether	2590		µg/kg wet	330	3330		78	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 8121601 - SW846 3550B										
LCS (8121601-BS1)										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
Bis(2-chloroisopropyl)ether	2450		µg/kg wet	330	3330		74	40-130		
Bis(2-ethylhexyl)phthalate	3190		µg/kg wet	330	3330		96	40-130		
4-Bromophenyl phenyl ether	2750		µg/kg wet	330	3330		82	40-130		
Butyl benzyl phthalate	3240		µg/kg wet	330	3330		97	40-130		
Carbazole	2530		µg/kg wet	330	3330		76	40-130		
4-Chloro-3-methylphenol	2740		µg/kg wet	330	3330		82	40-130		
4-Chloroaniline	1210	QC2	µg/kg wet	330	3330		36	40-130		
2-Chloronaphthalene	2450		µg/kg wet	330	3330		74	40-130		
2-Chlorophenol	2410		µg/kg wet	330	3330		72	40-130		
4-Chlorophenyl phenyl ether	3350		µg/kg wet	330	3330		100	40-130		
Chrysene	2740		µg/kg wet	330	3330		82	40-130		
Dibenzo (a,h) anthracene	2840		µg/kg wet	330	3330		85	40-130		
Dibenzofuran	2710		µg/kg wet	330	3330		81	40-130		
1,2-Dichlorobenzene	2300		µg/kg wet	330	3330		69	40-130		
1,3-Dichlorobenzene	2150		µg/kg wet	330	3330		64	40-130		
1,4-Dichlorobenzene	2340		µg/kg wet	330	3330		70	40-130		
3,3'-Dichlorobenzidine	2370		µg/kg wet	330	3330		71	40-130		
2,4-Dichlorophenol	2630		µg/kg wet	330	3330		79	40-130		
Diethyl phthalate	3460		µg/kg wet	330	3330		104	40-130		
Dimethyl phthalate	3120		µg/kg wet	330	3330		94	40-130		
2,4-Dimethylphenol	2300		µg/kg wet	330	3330		69	40-130		
Di-n-butyl phthalate	3120		µg/kg wet	330	3330		94	40-130		
4,6-Dinitro-2-methylphenol	2980		µg/kg wet	330	3330		89	40-130		
2,4-Dinitrophenol	3170		µg/kg wet	330	3330		95	40-130		
2,4-Dinitrotoluene	3140		µg/kg wet	330	3330		94	40-130		
2,6-Dinitrotoluene	2900		µg/kg wet	330	3330		87	40-130		
Di-n-octyl phthalate	3350		µg/kg wet	330	3330		100	40-130		
Fluoranthene	2670		µg/kg wet	330	3330		80	40-130		
Fluorene	2800		µg/kg wet	330	3330		84	40-130		
Hexachlorobenzene	2460		µg/kg wet	330	3330		74	40-130		
Hexachlorobutadiene	2840		µg/kg wet	330	3330		85	40-130		
Hexachlorocyclopentadiene	2590		µg/kg wet	330	3330		78	40-130		
Hexachloroethane	2460		µg/kg wet	330	3330		74	40-130		
Indeno (1,2,3-cd) pyrene	2500		µg/kg wet	330	3330		75	40-130		
Isophorone	2260		µg/kg wet	330	3330		68	40-130		
1-Methylnaphthalene	2560		µg/kg wet	330	3330		77	40-140		
2-Methylnaphthalene	2500		µg/kg wet	330	3330		75	40-130		
2-Methylphenol	2240		µg/kg wet	330	3330		67	40-130		
3 & 4-Methylphenol	2390		µg/kg wet	330	3330		72	40-130		
Naphthalene	2500		µg/kg wet	330	3330		75	40-130		
2-Nitroaniline	2640		µg/kg wet	330	3330		79	40-130		
3-Nitroaniline	1780		µg/kg wet	330	3330		54	40-130		
4-Nitroaniline	2290		µg/kg wet	1320	3330		69	40-130		
Nitrobenzene	2460		µg/kg wet	330	3330		74	40-130		
2-Nitrophenol	2710		µg/kg wet	330	3330		81	40-130		
4-Nitrophenol	2900		µg/kg wet	1320	3330		87	40-130		
N-Nitrosodimethylamine	1530		µg/kg wet	330	3330		46	40-130		
N-Nitrosodi-n-propylamine	2620		µg/kg wet	330	3330		79	40-130		
N-Nitrosodiphenylamine	2820		µg/kg wet	330	3330		85	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 8121601 - SW846 3550B										
LCS (8121601-BS1)										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
Pentachlorophenol	2410		µg/kg wet	330	3330		72	40-130		
Phenanthrene	2610		µg/kg wet	330	3330		78	40-130		
Phenol	2290		µg/kg wet	330	3330		69	40-130		
Pyrene	2830		µg/kg wet	330	3330		85	40-130		
Pyridine	237		µg/kg wet	330	3330		7	0-130		
1,2,4-Trichlorobenzene	2390		µg/kg wet	330	3330		72	40-130		
2,4,5-Trichlorophenol	2720		µg/kg wet	330	3330		82	40-130		
2,4,6-Trichlorophenol	2590		µg/kg wet	330	3330		78	40-130		
Pentachloronitrobenzene	3350		µg/kg wet	330	3330		100	40-140		
1,2,4,5-Tetrachlorobenzene	2480		µg/kg wet	330	3330		74	40-140		
Surrogate: 2-Fluorobiphenyl	*2480*		µg/kg wet		*3330*		*74*	*30-130*		
Surrogate: 2-Fluorophenol	*1890*		µg/kg wet		*3330*		*57*	*15-110*		
Surrogate: Nitrobenzene-d5	*2500*		µg/kg wet		*3330*		*75*	*30-130*		
Surrogate: Phenol-d5	*1860*		µg/kg wet		*3330*		*56*	*15-110*		
Surrogate: Terphenyl-d14	*2510*		µg/kg wet		*3330*		*75*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2640*		µg/kg wet		*3330*		*79*	*15-110*		
Duplicate (8121601-DUP1) **Source: SA88972-02**										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
Acenaphthene	BRL		µg/kg dry	377		BRL				50
Acenaphthylene	BRL		µg/kg dry	377		BRL				50
Aniline	BRL		µg/kg dry	377		BRL				50
Anthracene	BRL		µg/kg dry	377		BRL				50
Atrazine	BRL		µg/kg dry	377		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	377		BRL				50
Benzidine	BRL		µg/kg dry	377		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	377		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	377		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	377		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	377		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	377		BRL				50
Benzoic acid	BRL		µg/kg dry	377		BRL				50
Benzyl alcohol	BRL		µg/kg dry	377		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	377		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	377		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	377		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	377		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	377		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	377		BRL				50
Carbazole	BRL		µg/kg dry	377		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	377		BRL				50
4-Chloroaniline	BRL		µg/kg dry	377		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	377		BRL				50
2-Chlorophenol	BRL		µg/kg dry	377		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	377		BRL				50
Chrysene	BRL		µg/kg dry	377		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	377		BRL				50
Dibenzofuran	BRL		µg/kg dry	377		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	377		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	377		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	377		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121601 - SW846 3550B										
Duplicate (8121601-DUP1) **Source: SA88972-02**										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
3,3'-Dichlorobenzidine	BRL		µg/kg dry	377		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	377		BRL				50
Diethyl phthalate	BRL		µg/kg dry	377		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	377		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	377		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	377		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	377		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	377		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	377		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	377		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	377		BRL				50
Fluoranthene	BRL		µg/kg dry	377		BRL				50
Fluorene	BRL		µg/kg dry	377		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	377		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	377		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	377		BRL				50
Hexachloroethane	BRL		µg/kg dry	377		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	377		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	377		BRL				50
Isophorone	BRL		µg/kg dry	377		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	377		BRL				50
2-Methylphenol	BRL		µg/kg dry	377		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	377		BRL				50
Naphthalene	BRL		µg/kg dry	377		BRL				50
2-Nitroaniline	BRL		µg/kg dry	377		BRL				50
3-Nitroaniline	BRL		µg/kg dry	377		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1510		BRL				50
Nitrobenzene	BRL		µg/kg dry	377		BRL				50
2-Nitrophenol	BRL		µg/kg dry	377		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1510		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	377		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	377		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	377		BRL				50
Pentachlorophenol	BRL		µg/kg dry	377		BRL				50
Phenanthrene	BRL		µg/kg dry	377		BRL				50
Phenol	BRL		µg/kg dry	377		BRL				50
Pyrene	BRL		µg/kg dry	377		BRL				50
Pyridine	BRL		µg/kg dry	377		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	377		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	377		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	377		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	377		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	377		BRL				50
Surrogate: 2-Fluorobiphenyl	*825*		µg/kg dry		*1900*		*43*	*30-130*		
Surrogate: 2-Fluorophenol	*561*		µg/kg dry		*1900*		*29*	*15-110*		
Surrogate: Nitrobenzene-d5	*815*		µg/kg dry		*1900*		*43*	*30-130*		
Surrogate: Phenol-d5	*549*		µg/kg dry		*1900*		*29*	*15-110*		
Surrogate: Terphenyl-dl4	*755*		µg/kg dry		*1900*		*40*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*799*		µg/kg dry		*1900*		*42*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121601 - SW846 3550B										
Matrix Spike (8121601-MS1) **Source: SA88972-02**										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
Acenaphthene	1500		µg/kg dry	191	1930	BRL	77	40-140		
Benzo (b) fluoranthene	1420		µg/kg dry	191	1930	BRL	73	40-140		
Benzo (k) fluoranthene	1370		µg/kg dry	191	1930	BRL	71	40-140		
4-Chloro-3-methylphenol	1440		µg/kg dry	191	1930	BRL	75	30-130		
2-Chlorophenol	1280		µg/kg dry	191	1930	BRL	66	30-130		
Chrysene	1430		µg/kg dry	191	1930	BRL	74	40-140		
1,4-Dichlorobenzene	1280		µg/kg dry	191	1930	BRL	66	40-140		
Indeno (1,2,3-cd) pyrene	1280		µg/kg dry	191	1930	BRL	66	40-140		
Naphthalene	1340		µg/kg dry	191	1930	BRL	69	40-140		
4-Nitrophenol	1570		µg/kg dry	765	1930	BRL	81	30-130		
N-Nitrosodi-n-propylamine	1390		µg/kg dry	191	1930	BRL	72	40-140		
Pentachlorophenol	1210		µg/kg dry	191	1930	BRL	63	30-130		
Phenol	1250		µg/kg dry	191	1930	BRL	65	30-130		
Pyrene	1490		µg/kg dry	191	1930	BRL	77	40-140		
1,2,4-Trichlorobenzene	1310		µg/kg dry	191	1930	BRL	68	40-140		
Surrogate: 2-Fluorobiphenyl	*678*		µg/kg dry		*1930*		*35*	*30-130*		
Surrogate: 2-Fluorophenol	*482*		µg/kg dry		*1930*		*25*	*15-110*		
Surrogate: Nitrobenzene-d5	*680*		µg/kg dry		*1930*		*35*	*30-130*		
Surrogate: Phenol-d5	*504*		µg/kg dry		*1930*		*26*	*15-110*		
Surrogate: Terphenyl-dl4	*684*		µg/kg dry		*1930*		*35*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*686*		µg/kg dry		*1930*		*36*	*15-110*		
Matrix Spike Dup (8121601-MSD1) **Source: SA88972-02**										
Prepared: 19-Dec-08 Analyzed: 22-Dec-08										
Acenaphthene	1540		µg/kg dry	192	1940	BRL	79	40-140	2	30
Benzo (b) fluoranthene	1490		µg/kg dry	192	1940	BRL	77	40-140	5	30
Benzo (k) fluoranthene	1350		µg/kg dry	192	1940	BRL	70	40-140	2	30
4-Chloro-3-methylphenol	1480		µg/kg dry	192	1940	BRL	76	30-130	2	30
2-Chlorophenol	1360		µg/kg dry	192	1940	BRL	70	30-130	5	30
Chrysene	1460		µg/kg dry	192	1940	BRL	75	40-140	2	30
1,4-Dichlorobenzene	1330		µg/kg dry	192	1940	BRL	69	40-140	4	30
Indeno (1,2,3-cd) pyrene	1310		µg/kg dry	192	1940	BRL	67	40-140	2	30
Naphthalene	1390		µg/kg dry	192	1940	BRL	72	40-140	3	30
4-Nitrophenol	1620		µg/kg dry	768	1940	BRL	84	30-130	3	30
N-Nitrosodi-n-propylamine	1460		µg/kg dry	192	1940	BRL	75	40-140	4	30
Pentachlorophenol	1230		µg/kg dry	192	1940	BRL	63	30-130	0.5	30
Phenol	1310		µg/kg dry	192	1940	BRL	68	30-130	4	30
Pyrene	1510		µg/kg dry	192	1940	BRL	78	40-140	0.5	30
1,2,4-Trichlorobenzene	1360		µg/kg dry	192	1940	BRL	70	40-140	3	30
Surrogate: 2-Fluorobiphenyl	*1350*		µg/kg dry		*1940*		*70*	*30-130*		
Surrogate: 2-Fluorophenol	*1090*		µg/kg dry		*1940*		*56*	*15-110*		
Surrogate: Nitrobenzene-d5	*1380*		µg/kg dry		*1940*		*71*	*30-130*		
Surrogate: Phenol-d5	*1050*		µg/kg dry		*1940*		*54*	*15-110*		
Surrogate: Terphenyl-dl4	*1400*		µg/kg dry		*1940*		*72*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1430*		µg/kg dry		*1940*		*74*	*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 8121500 - SW846 3550B										
Blank (8121500-BLK1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
2,4,5-T	BRL		µg/kg wet	6.70						
2,4,5-T [2C]	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex)	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex) [2C]	BRL		µg/kg wet	6.70						
2,4-D	BRL		µg/kg wet	6.70						
2,4-D [2C]	BRL		µg/kg wet	6.70						
2,4-DB	BRL		µg/kg wet	6.70						
2,4-DB [2C]	BRL		µg/kg wet	6.70						
Dalapon	BRL		µg/kg wet	6.70						
Dalapon [2C]	BRL		µg/kg wet	6.70						
Dicamba	BRL		µg/kg wet	6.70						
Dicamba [2C]	BRL		µg/kg wet	6.70						
Dichlorprop	BRL		µg/kg wet	6.70						
Dichlorprop [2C]	BRL		µg/kg wet	6.70						
Dinoseb	BRL		µg/kg wet	6.70						
Dinoseb [2C]	BRL		µg/kg wet	6.70						
MCPA	BRL		µg/kg wet	670						
MCPA [2C]	BRL		µg/kg wet	670						
MCPB	BRL		µg/kg wet	670						
MCPB [2C]	BRL		µg/kg wet	670						
MCPP	BRL		µg/kg wet	670						
MCPP [2C]	BRL		µg/kg wet	670						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.7*		µg/kg wet		*13.3*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*15.7*		µg/kg wet		*13.3*		*118*	*30-150*		
LCS (8121500-BS1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
2,4,5-T	28.9		µg/kg wet	6.70	33.3		87	40-140		
2,4,5-T [2C]	30.7		µg/kg wet	6.70	33.3		92	40-140		
2,4,5-TP (Silvex)	28.6		µg/kg wet	6.70	33.3		86	40-140		
2,4,5-TP (Silvex) [2C]	29.8		µg/kg wet	6.70	33.3		89	40-140		
2,4-D	25.5		µg/kg wet	6.70	33.3		77	40-140		
2,4-D [2C]	24.8		µg/kg wet	6.70	33.3		74	40-140		
2,4-DB	27.3		µg/kg wet	6.70	33.3		82	40-140		
2,4-DB [2C]	28.1		µg/kg wet	6.70	33.3		84	40-140		
Dalapon	19.1		µg/kg wet	6.70	33.3		57	40-140		
Dalapon [2C]	23.9		µg/kg wet	6.70	33.3		72	40-140		
Dicamba	28.4		µg/kg wet	6.70	33.3		85	40-140		
Dicamba [2C]	30.6		µg/kg wet	6.70	33.3		92	40-140		
Dichlorprop	30.2		µg/kg wet	6.70	33.3		91	40-140		
Dichlorprop [2C]	29.3		µg/kg wet	6.70	33.3		88	40-140		
Dinoseb	32.5		µg/kg wet	6.70	33.3		97	40-140		
Dinoseb [2C]	35.0		µg/kg wet	6.70	33.3		105	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.3*		µg/kg wet		*13.3*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*17.5*		µg/kg wet		*13.3*		*131*	*30-150*		
LCS (8121500-BS2)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
MCPA	8930		µg/kg wet	670	10000		89	40-140		
MCPA [2C]	10700		µg/kg wet	670	10000		107	40-140		
MCPB	10100		µg/kg wet	670	10000		101	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121500 - SW846 3550B										
LCS (8121500-BS2)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
MCPB [2C]	11500		µg/kg wet	670	10000		115	40-140		
MCPP	9400		µg/kg wet	670	10000		94	40-140		
MCPP [2C]	9470		µg/kg wet	670	10000		95	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.3*		µg/kg wet		*13.3*		*122*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*17.3*		µg/kg wet		*13.3*		*130*	*30-150*		
LCS Dup (8121500-BSD1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
2,4,5-T	29.2		µg/kg wet	6.70	33.3		88	40-140	0.9	25
2,4,5-T [2C]	29.6		µg/kg wet	6.70	33.3		89	40-140	4	25
2,4,5-TP (Silvex)	28.3		µg/kg wet	6.70	33.3		85	40-140	0.9	25
2,4,5-TP (Silvex) [2C]	29.9		µg/kg wet	6.70	33.3		90	40-140	0.4	25
2,4-D	28.0		µg/kg wet	6.70	33.3		84	40-140	9	25
2,4-D [2C]	26.3		µg/kg wet	6.70	33.3		79	40-140	6	25
2,4-DB	24.7		µg/kg wet	6.70	33.3		74	40-140	10	25
2,4-DB [2C]	26.5		µg/kg wet	6.70	33.3		79	40-140	6	25
Dalapon	21.2		µg/kg wet	6.70	33.3		64	40-140	10	25
Dalapon [2C]	22.1		µg/kg wet	6.70	33.3		66	40-140	8	25
Dicamba	27.0		µg/kg wet	6.70	33.3		81	40-140	5	25
Dicamba [2C]	29.5		µg/kg wet	6.70	33.3		88	40-140	4	25
Dichlorprop	29.0		µg/kg wet	6.70	33.3		87	40-140	4	25
Dichlorprop [2C]	27.1		µg/kg wet	6.70	33.3		81	40-140	8	25
Dinoseb	30.3		µg/kg wet	6.70	33.3		91	40-140	7	25
Dinoseb [2C]	33.6		µg/kg wet	6.70	33.3		101	40-140	4	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.2*		µg/kg wet		*13.3*		*106*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*16.7*		µg/kg wet		*13.3*		*125*	*30-150*		
LCS Dup (8121500-BSD2)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
MCPA	8800		µg/kg wet	670	10000		88	40-140	2	25
MCPA [2C]	10700		µg/kg wet	670	10000		107	40-140	0.6	25
MCPB	9330		µg/kg wet	670	10000		93	40-140	8	25
MCPB [2C]	10300		µg/kg wet	670	10000		103	40-140	10	25
MCPP	9330		µg/kg wet	670	10000		93	40-140	0.7	25
MCPP [2C]	9330		µg/kg wet	670	10000		93	40-140	1	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.1*		µg/kg wet		*13.3*		*121*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*17.3*		µg/kg wet		*13.3*		*130*	*30-150*		
Duplicate (8121500-DUP1) **Source: SA88727-01**										
Prepared: 18-Dec-08 Analyzed: 20-Dec-08										
2,4,5-T	BRL		µg/kg dry	6.70		BRL				30
2,4,5-T [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex) [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-D	BRL		µg/kg dry	6.70		BRL				30
2,4-D [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-DB	BRL		µg/kg dry	6.70		BRL				30
2,4-DB [2C]	BRL		µg/kg dry	6.70		BRL				30
Dalapon	BRL		µg/kg dry	6.70		BRL				30
Dalapon [2C]	BRL		µg/kg dry	6.70		BRL				30
Dicamba	BRL		µg/kg dry	6.70		BRL				30
Dicamba [2C]	BRL		µg/kg dry	6.70		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121500 - SW846 3550B										
Duplicate (8121500-DUP1) **Source: SA88727-01**										
Prepared: 18-Dec-08 Analyzed: 20-Dec-08										
Dichlorprop	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop [2C]	BRL		µg/kg dry	6.70		BRL				30
Dinoseb	BRL		µg/kg dry	6.70		BRL				30
Dinoseb [2C]	BRL		µg/kg dry	6.70		BRL				30
MCPA	BRL		µg/kg dry	670		BRL				30
MCPA [2C]	BRL		µg/kg dry	670		BRL				30
MCPB	BRL		µg/kg dry	670		BRL				30
MCPB [2C]	BRL		µg/kg dry	670		BRL				30
MCPP	BRL		µg/kg dry	670		BRL				30
MCPP [2C]	BRL		µg/kg dry	670		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.8*		µg/kg dry		*16.6*		*77*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [;	*9.95*		µg/kg dry		*16.6*		*60*	*30-150*		
Batch 8121661 - SW846 3550B										
Blank (8121661-BLK1)										
Prepared: 22-Dec-08 Analyzed: 23-Dec-08										
PCB 1016	BRL		µg/kg wet	20.0						
PCB 1221	BRL		µg/kg wet	20.0						
PCB 1232	BRL		µg/kg wet	20.0						
PCB 1242	BRL		µg/kg wet	20.0						
PCB 1248	BRL		µg/kg wet	20.0						
PCB 1254	BRL		µg/kg wet	20.0						
PCB 1260	BRL		µg/kg wet	20.0						
PCB 1262	BRL		µg/kg wet	20.0						
PCB 1268	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.0*		µg/kg wet		*20.0*		*140*	*30-150*		
LCS (8121661-BS1)										
Prepared: 22-Dec-08 Analyzed: 23-Dec-08										
PCB 1016	251		µg/kg wet	20.0	250		100	40-140		
PCB 1260	245		µg/kg wet	20.0	250		98	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
LCS Dup (8121661-BSD1)										
Prepared: 22-Dec-08 Analyzed: 24-Dec-08										
PCB 1016	250		µg/kg wet	20.0	250		100	40-140	0.4	30
PCB 1260	256		µg/kg wet	20.0	250		102	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.0*		µg/kg wet		*20.0*		*125*	*30-150*		
Duplicate (8121661-DUP1) **Source: SA88894-10**										
Prepared: 22-Dec-08 Analyzed: 24-Dec-08										
PCB 1016	BRL		µg/kg dry	20.0		BRL				40
PCB 1221	BRL		µg/kg dry	20.0		BRL				40
PCB 1232	BRL		µg/kg dry	20.0		BRL				40
PCB 1242	BRL		µg/kg dry	20.0		BRL				40
PCB 1248	BRL		µg/kg dry	20.0		BRL				40
PCB 1254	BRL		µg/kg dry	20.0		BRL				40
PCB 1260	BRL		µg/kg dry	20.0		BRL				40
PCB 1262	BRL		µg/kg dry	20.0		BRL				40
PCB 1268	BRL		µg/kg dry	20.0		BRL				40

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121661 - SW846 3550B										
Duplicate (8121661-DUP1) Source: SA88894-10										
Prepared: 22-Dec-08 Analyzed: 24-Dec-08										
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.9*		µg/kg dry		*19.9*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*23.9*		µg/kg dry		*19.9*		*120*	*30-150*		
Matrix Spike (8121661-MS1) Source: SA88894-10										
Prepared: 22-Dec-08 Analyzed: 24-Dec-08										
PCB 1016	233		µg/kg dry	19.7	246	BRL	95	40-140		
PCB 1260	261		µg/kg dry	19.7	246	BRL	106	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.7*		µg/kg dry		*19.7*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.6*		µg/kg dry		*19.7*		*125*	*30-150*		
Matrix Spike Dup (8121661-MSD1) Source: SA88894-10										
Prepared: 22-Dec-08 Analyzed: 24-Dec-08										
PCB 1016	244		µg/kg dry	20.4	255	BRL	96	40-140	0.8	50
PCB 1260	276		µg/kg dry	20.4	255	BRL	108	40-140	2	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.4*		µg/kg dry		*20.4*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*23.5*		µg/kg dry		*20.4*		*115*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121596 - SW846 3550B										
Blank (8121596-BLK1)										
Prepared: 19-Dec-08 Analyzed: 23-Dec-08										
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	*3.09*		mg/kg wet		*3.33*		*93*	*50-150*		
LCS (8121596-BS1)										
Prepared: 19-Dec-08 Analyzed: 23-Dec-08										
C9-C36 Aliphatic Hydrocarbons	67.0		mg/kg wet	13.3	93.3		72	60-120		
Surrogate: 1-Chlorooctadecane	*2.45*		mg/kg wet		*3.33*		*73*	*50-150*		
Duplicate (8121596-DUP1) **Source: SA88972-02**										
Prepared: 19-Dec-08 Analyzed: 23-Dec-08										
Gasoline	BRL		mg/kg dry	15.2		BRL				50
Fuel Oil #2	BRL		mg/kg dry	15.2		BRL				50
Fuel Oil #4	BRL		mg/kg dry	15.2		BRL				50
Fuel Oil #6	BRL		mg/kg dry	15.2		BRL				50
Motor Oil	BRL		mg/kg dry	15.2		BRL				50
Aviation Fuel	BRL		mg/kg dry	15.2		BRL				50
Unidentified	BRL		mg/kg dry	15.2		BRL				50
Other Oil	BRL		mg/kg dry	15.2		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.2		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.2		BRL				50
Surrogate: 1-Chlorooctadecane	*1.79*		mg/kg dry		*1.90*		*94*	*50-150*		
Matrix Spike (8121596-MS1) **Source: SA88972-02**										
Prepared: 19-Dec-08 Analyzed: 23-Dec-08										
C9-C36 Aliphatic Hydrocarbons	77.9		mg/kg dry	15.2	107	BRL	73	50-150		
Surrogate: 1-Chlorooctadecane	*2.77*		mg/kg dry		*3.81*		*73*	*50-150*		
Matrix Spike Dup (8121596-MSD1) **Source: SA88972-02**										
Prepared: 19-Dec-08 Analyzed: 23-Dec-08										
C9-C36 Aliphatic Hydrocarbons	71.1		mg/kg dry	15.3	107	BRL	66	50-150	10	30
Surrogate: 1-Chlorooctadecane	*2.52*		mg/kg dry		*3.83*		*66*	*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 8121509 - SW846 3050B										
Blank (8121509-BLK1)										
Prepared: 23-Dec-08 Analyzed: 27-Dec-08										
Selenium	BRL		mg/kg wet	1.40						
Lead	BRL		mg/kg wet	1.40						
Silver	BRL		mg/kg wet	1.40						
Arsenic	BRL		mg/kg wet	1.40						
Chromium	BRL		mg/kg wet	0.934						
Cadmium	BRL		mg/kg wet	0.467						
Barium	BRL		mg/kg wet	0.934						
Duplicate (8121509-DUP1) Source: SA88972-01										
Prepared: 23-Dec-08 Analyzed: 27-Dec-08										
Selenium	BRL		mg/kg dry	1.52		BRL				20
Lead	5.57		mg/kg dry	1.52		5.56			0.1	20
Arsenic	1.49	J	mg/kg dry	1.52		1.32			12	20
Chromium	11.6		mg/kg dry	1.01		12.5			8	20
Cadmium	0.452	J	mg/kg dry	0.507		0.503			11	20
Silver	BRL		mg/kg dry	1.52		BRL				20
Barium	60.8		mg/kg dry	1.01		63.8			5	20
Matrix Spike (8121509-MS1) Source: SA88972-02										
Prepared: 23-Dec-08 Analyzed: 27-Dec-08										
Lead	145		mg/kg dry	1.69	141	29.7	82	75-125		
Selenium	114		mg/kg dry	1.69	141	BRL	81	75-125		
Arsenic	122		mg/kg dry	1.69	141	3.03	84	75-125		
Chromium	149		mg/kg dry	1.13	141	26.1	87	75-125		
Silver	36.9	QM7	mg/kg dry	1.69	141	BRL	26	75-125		
Cadmium	129		mg/kg dry	0.563	141	1.19	91	75-125		
Barium	292		mg/kg dry	1.13	141	160	94	75-125		
Matrix Spike Dup (8121509-MSD1) Source: SA88972-02										
Prepared: 23-Dec-08 Analyzed: 27-Dec-08										
Selenium	109		mg/kg dry	1.60	134	BRL	82	75-125	4	20
Lead	140		mg/kg dry	1.60	134	29.7	83	75-125	4	20
Cadmium	125		mg/kg dry	0.534	134	1.19	92	75-125	4	20
Chromium	143		mg/kg dry	1.07	134	26.1	88	75-125	4	20
Silver	36.1	QM7	mg/kg dry	1.60	134	BRL	27	75-125	2	20
Arsenic	116		mg/kg dry	1.60	134	3.03	85	75-125	5	20
Barium	610	QM8, QR7	mg/kg dry	1.07	134	160	337	75-125	70	20
Post Spike (8121509-PS1) Source: SA88972-02										
Prepared: 23-Dec-08 Analyzed: 27-Dec-08										
Selenium	113		mg/kg dry	1.64	137	BRL	83	80-120		
Lead	141		mg/kg dry	1.64	137	29.7	81	80-120		
Chromium	143		mg/kg dry	1.09	137	26.1	86	80-120		
Cadmium	128		mg/kg dry	0.546	137	1.19	93	80-120		
Arsenic	122		mg/kg dry	1.64	137	3.03	87	80-120		
Barium	296		mg/kg dry	1.09	137	160	99	80-120		
Reference (8121509-SRM1)										
Prepared: 23-Dec-08 Analyzed: 27-Dec-08										
Selenium	124		mg/kg wet	1.50	145		85	76.6-123.1		
Lead	38.7		mg/kg wet	1.50	43.7		88	78.8-120.9		
Arsenic	46.7		mg/kg wet	1.50	52.8		88	77.6-123.1		

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* Reportable Detection Limit BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121509 - SW846 3050B										
Reference (8121509-SRM1)										
Prepared: 23-Dec-08 Analyzed: 27-Dec-08										
Cadmium	30.3		mg/kg wet	0.500	30.8		98	80.9-119.3		
Silver	13.4		mg/kg wet	1.50	15.3		88	66.4-133.6		
Chromium	108		mg/kg wet	1.00	120		90	79.7-120.3		
Barium	102		mg/kg wet	1.00	101		102	79.8-119.7		
Reference (8121509-SRM2)										
Prepared: 23-Dec-08 Analyzed: 27-Dec-08										
Lead	45.6		mg/kg wet	1.50	43.3		105	78.8-120.9		
Selenium	124		mg/kg wet	1.50	144		86	76.6-123.1		
Arsenic	47.3		mg/kg wet	1.50	52.4		90	77.6-123.1		
Cadmium	29.4		mg/kg wet	0.500	30.6		96	80.9-119.3		
Chromium	105		mg/kg wet	1.00	119		89	79.7-120.3		
Silver	13.8		mg/kg wet	1.50	15.2		91	66.4-133.6		
Barium	102		mg/kg wet	1.00	99.7		102	79.8-119.7		
Batch 8121510 - EPA200/SW7000 Series										
Blank (8121510-BLK1)										
Prepared: 23-Dec-08 Analyzed: 29-Dec-08										
Mercury	BRL		mg/kg wet	0.0268						
Duplicate (8121510-DUP1) **Source: SA88972-01**										
Prepared: 23-Dec-08 Analyzed: 29-Dec-08										
Mercury	BRL		mg/kg dry	0.0325		BRL				20
Matrix Spike (8121510-MS1) **Source: SA88972-02**										
Prepared: 23-Dec-08 Analyzed: 29-Dec-08										
Mercury	0.559	QM7	mg/kg dry	0.0329	0.457	0.330	50	75-125		
Matrix Spike Dup (8121510-MSD1) **Source: SA88972-02**										
Prepared: 23-Dec-08 Analyzed: 29-Dec-08										
Mercury	0.491	QM7	mg/kg dry	0.0311	0.432	0.330	37	75-125	13	20
Reference (8121510-SRM1)										
Prepared: 23-Dec-08 Analyzed: 29-Dec-08										
Mercury	2.01		mg/kg wet	0.0300	2.18		93	71.7-128.8		

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 9020247 - EPA200/SW7000 Series										
Blank (9020247-BLK1)										
Prepared: 05-Feb-09 Analyzed: 06-Feb-09										
Mercury	BRL		mg/l	0.00020						
LCS (9020247-BS1)										
Prepared: 05-Feb-09 Analyzed: 06-Feb-09										
Mercury	0.00450		mg/l	0.00020	0.00500		90	69.2-107		
Duplicate (9020247-DUP1) Source: SA90516-02										
Prepared: 05-Feb-09 Analyzed: 06-Feb-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9020247-MS1) Source: SA90516-01										
Prepared: 05-Feb-09 Analyzed: 06-Feb-09										
Mercury	0.00460		mg/l	0.00020	0.00500	BRL	92	57.8-123		
Matrix Spike Dup (9020247-MSD1) Source: SA90516-01										
Prepared: 05-Feb-09 Analyzed: 06-Feb-09										
Mercury	0.00442		mg/l	0.00020	0.00500	BRL	88	57.8-123	4	20
Post Spike (9020247-PS1) Source: SA90516-01										
Prepared: 05-Feb-09 Analyzed: 06-Feb-09										
Mercury	0.00405		mg/l	0.00020	0.00500	BRL	81	70-112		

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 9010116 - SW846 3010A										
Blank (9010116-BLK1)										
Prepared & Analyzed: 05-Jan-09										
Lead	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0100						
Cadmium	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0100						
LCS (9010116-BS1)										
Prepared & Analyzed: 05-Jan-09										
Lead	2.45		mg/l	0.0150	2.50		98	85-115		
Chromium	2.61		mg/l	0.0100	2.50		104	85-115		
Cadmium	2.59		mg/l	0.0050	2.50		104	85-115		
Barium	2.31		mg/l	0.0100	2.50		93	85-115		
LCS Dup (9010116-BSD1)										
Prepared & Analyzed: 05-Jan-09										
Lead	2.42		mg/l	0.0150	2.50		97	85-115	1	20
Chromium	2.48		mg/l	0.0100	2.50		99	85-115	5	20
Cadmium	2.57		mg/l	0.0050	2.50		103	85-115	1	20
Barium	2.27		mg/l	0.0100	2.50		91	85-115	2	20
Duplicate (9010116-DUP1)	**Source: SA88675-10**									
Prepared & Analyzed: 05-Jan-09										
Lead	BRL		mg/l	0.0150		0.0069				20
Chromium	BRL		mg/l	0.0100		BRL				20
Cadmium	BRL		mg/l	0.0050		BRL				20
Barium	0.0255	QR6	mg/l	0.0100		0.0379			39	20
Matrix Spike (9010116-MS1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Lead	2.43		mg/l	0.0150	2.50	BRL	97	75-125		
Cadmium	2.58		mg/l	0.0050	2.50	BRL	103	75-125		
Chromium	2.48		mg/l	0.0100	2.50	BRL	99	75-125		
Barium	2.31		mg/l	0.0100	2.50	0.0100	92	75-125		
Matrix Spike Dup (9010116-MSD1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Lead	2.42		mg/l	0.0150	2.50	BRL	97	75-125	0.5	20
Cadmium	2.58		mg/l	0.0050	2.50	BRL	103	75-125	0.04	20
Chromium	2.47		mg/l	0.0100	2.50	BRL	99	75-125	0.4	20
Barium	2.32		mg/l	0.0100	2.50	0.0100	92	75-125	0.3	20
Post Spike (9010116-PS1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Lead	2.44		mg/l	0.0150	2.50	BRL	97	75-125		
Chromium	2.50		mg/l	0.0100	2.50	BRL	100	75-125		
Cadmium	2.59		mg/l	0.0050	2.50	BRL	104	75-125		
Barium	2.30		mg/l	0.0100	2.50	0.0100	92	75-125		
Batch 9010118 - EPA200/SW7000 Series										
Blank (9010118-BLK1)										
Prepared & Analyzed: 05-Jan-09										
Mercury	BRL		mg/l	0.00020						
LCS (9010118-BS1)										
Prepared & Analyzed: 05-Jan-09										

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* Reportable Detection Limit BRL = Below Reporting Limit

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 9010118 - EPA200/SW7000 Series										
LCS (9010118-BS1)										
Prepared & Analyzed: 05-Jan-09										
Mercury	0.00444		mg/l	0.00020	0.00500		89	56.1-122		
Duplicate (9010118-DUP1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Mercury	0.00142		mg/l	0.00020		0.00138			3	20
Matrix Spike (9010118-MS1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Mercury	0.00584		mg/l	0.00020	0.00500	0.00138	89	59.8-119		
Matrix Spike Dup (9010118-MSD1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Mercury	0.00588		mg/l	0.00020	0.00500	0.00138	90	59.8-119	0.7	20
Post Spike (9010118-PS1)	**Source: SA88675-09**									
Prepared & Analyzed: 05-Jan-09										
Mercury	0.00588		mg/l	0.00020	0.00500	0.00138	90	72.4-113		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121480 - General Preparation										
Duplicate (8121480-DUP1)	**Source: SA88973-01**									
Prepared & Analyzed: 17-Dec-08										
% Solids	96.0		%			95.9			0.06	20

Notes and Definitions

O09	This sample was analyzed outside the EPA recommended holding time per client request.
QC1	Analyte out of acceptance range.
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
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.
Z-2	The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.
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 and waste automobile oil
Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
Aviation Fuel - includes kerosene, Jet A and JP-4
Other Oil - includes lubricating and cutting oil, and silicon oil

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

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

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

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

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

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

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

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

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

SA88972 BY

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

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: PAS ~~XX~~ 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08010
Site Name: Hartford Busway
Location: 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= DI H_2O 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

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DEP RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____
State specific reporting standards: CT

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	RCRA 8 Metals	total		
88972-01	RSB-B42	12/15/08	900	G	SO	7,9	3	2				X	X	X	X	X	X			
↓ 02	RSB-B43	12/15/08	930	G	SO	7,9	3	2				X	X	X	X	X	X			

☐ Fax results when available to (____) _____
☒ E-mail to patrick.depaula@tetratech.com
EDD Format david.brassard

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 2.8C

Relinquished by:	Received by:	Date:	Time:
Patrick dePaula	DEC	12/17/08	10:30 am
DEC	[illegible]	12/17/08	1430

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SA 88972

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Formerly HANNIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

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Report To: Tetra Tech
150 Trumbull St 4th Floor
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P.O. No.: _____ RQN: _____

Project No.: 127-17797-08010
Site Name: Hartford Busway
Location: Hartford State: CT
Sampler(s): Patrick de Paula

1=Na$_2$S$_2$O$_3$ 2=HCl 3=H$_2$SO$_4$ 4=HNO$_3$ 5=NaOH 6=Ascorbic Acid
7=CH$_3$OH 8=NaHSO$_4$ 9= DI H_2O 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	VOC 8260	SVOC 8270	CT EPH	PCB 8082	Herbicides 8151	RCRA Metals Total	Soil Pb, Cr, Cd, TSC	
SA88972 01	RSB-B42	12/15/08	900	G	SO	7	3	2			X	X	X	X	X	X		
↓ 02	RSB-B43	12/15/08	930	G	SO	7	3	2			X	X	X	X	X	X	XX	

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DEP RCP Report

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

State specific reporting standards: CT

ADDED ANALYSIS 12/09
See attached

☐ Fax results when available to ( ) _____
☒ E-mail to patrick.de paula@tetratech.com
EDD Format David Brassard @ tetratech.com
Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 2.8C

Relinquished by:	Received by:	Date:	Time:
Patrick de Paula	[illegible]	12/17/08	10:30 AM
[illegible]	[illegible]	12/17/08	1430

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SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
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Report To: Tetra Tech
150 Trumbull St 4th floor
Hartford, CT 06103

Project Mgr.: David Brassard

Invoice To: DAS XX 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08010
Site Name: Hartford Busway
Location: 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
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X1= _____ X2= _____ X3= _____

G=Grab C=Composite

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DEP RCP Report

QA/QC Reporting Level
- ☒ Standard ☐ No QC
- ☐ Other _____
- ☐ State specific reporting standards: _____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC 8260	SVOC 8270	CT EPH	PCB 8082	Herbicides 8151	Total RCRA Metals	Pb, Cr, Cd, Ba	QA Reporting Notes
88872 01	RSB-B42	12/15/08	900	G	SO	7	3	2			X	X	X	X	X	X		
02	RSB-B43	12/15/08	930	G	SO	7	3	2			X	X	X	X	X	X	X X	X Added 2/12/09

ADDED ANALYSIS 1/2/09 See attached

☐ Fax results when available to (____) _____
☒ E-mail to Patrick.depaula@tetratech.com
EDD Format david.brassard@tetratech.com

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 2.8C

Relinquished by:	Received by:	Date:	Time:
Patrick de Paula	DPC	12/17/08	10:30 AM
DPC	[illegible]	12/17/08	14:30

SA88972 Ey ✓ ©

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CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
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150 Trumbull St. 4th floor
Hartford, CT 06103

Project Mgr.: David Brassard

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P.O. No.: _____ RQN: _____

Project No.: 127-17797-08010
Site Name: Hartford Busway
Location: 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= DI H_2O 10= _____

DW=Drinking Water GW=Groundwater WW=Wastewater
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X1= _____ X2= _____ X3= _____

G=Grab C=Composite

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DEP RCP Report

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

State specific reporting standards: CT

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	RCRA 8 Metals total		
88972-01	RSB-B42	12/15/08	900	G	SO	7,9	3	2			X	X	X	X	X	X		
↓ 02	RSB-B43	12/15/08	930	G	SO	7,9	3	2			X	X	X	X	X	X		

☐ Fax results when available to (____) _____
☒ E-mail to patrick.depaula@tetratech.com
EDD Format david.brassard@tetratech.com

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 2.8C

Relinquished by:	Received by:	Date:	Time:
Patrick dePaula	DEC	12/17/08	10:30 AM
DEC	[signature]	12/17/08	14:30

Report Date:
25-Feb-09 12:36

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

Laboratory Report

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

Project: Hartford Busway - Hartford, CT
Project 127-17797-08011

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA90232-01	RSB-B44	Soil	22-Jan-09 09:00	23-Jan-09 15:12
SA90232-02	RSB-D3	Soil	22-Jan-09 08:20	23-Jan-09 15:12
SA90232-03	RSB-D13	Soil	22-Jan-09 09:45	23-Jan-09 15:12
SA90232-04	RSB-D14	Soil	22-Jan-09 12:15	23-Jan-09 15:12
SA90232-05	RSB-D15	Soil	22-Jan-09 10:30	23-Jan-09 15:12
SA90232-06	RSB-D17	Soil	22-Jan-09 11:00	23-Jan-09 15:12
SA90232-07	RSB-D18	Soil	22-Jan-09 11:50	23-Jan-09 15:12

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

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

Authorized by:

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

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 69 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supercedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report is available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

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

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

CASE NARRATIVE:

The samples were received 4.9 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.

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

+CT ETPH

Duplicates:

9011797-DUP2 *Source: SA90275-01*

Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.

C9-C36 Aliphatic Hydrocarbons
Total Petroleum Hydrocarbons
Unidentified

Samples:

SA90232-02 *RSB-D3*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

1-Chlorooctadecane

SW846 1312

Samples:

SA90232-02 *RSB-D3*

This sample was analyzed outside the EPA recommended holding time per client request.

SPLP Extraction

SW846 6010B

Duplicates:

9011604-DUP1 *Source: SA90212-01*

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

Arsenic
Barium
Cadmium
Lead

SW846 8151A

Laboratory Control Samples:

9011807-BS2

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

MCPA [2C]

9011807-BSD2

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

MCPA [2C]

SW846 8151A

Samples:

SA90232-02 *RSB-D3*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr) [2C]

SW846 8260B

Laboratory Control Samples:

9011706-BSD1

Analyte out of acceptance range.

Ethanol

9011813-BS1

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

1,2-Dibromo-3-chloropropane
2,2-Dichloropropane
trans-1,3-Dichloropropene

9011813-BSD1

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

1,2-Dibromo-3-chloropropane
2,2-Dichloropropane
trans-1,3-Dichloropropene

Samples:

SA90232-02 *RSB-D3*

Analyte concentration confirmed by duplicate analysis.

Dichlorodifluoromethane (Freon12)

SA90232-05 *RSB-D15*

The VOC preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA90232-06 *RSB-D17*

The VOC preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SW846 8270C

Laboratory Control Samples:

9011799-BS1

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

2,4-Dinitrophenol
4,6-Dinitro-2-methylphenol
Aniline
Hexachlorocyclopentadiene

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B44 SA90232-01	127-17797-08011	Soil	22-Jan-09 09:00	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	26-Jan-09	26-Jan-09	9011618	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.53 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.5	1	SW846 8260B	27-Jan-09	28-Jan-09	9011706	X
67-64-1	Acetone	BRL		µg/kg dry	75.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	15.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	75.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	37.5	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	15.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	15.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	22.1		µg/kg dry	15.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	75.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	75.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	75.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.5	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B44 SA90232-01	127-17797-08011	Soil	22-Jan-09 09:00	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.53 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.5	1	SW846 8260B	27-Jan-09	28-Jan-09	9011706	X
100-42-5	Styrene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	15.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	75.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	75.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	150	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	37.5	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3000	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*81*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*122*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*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	427	1	SW846 8270C	28-Jan-09	29-Jan-09	9011799	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	427	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	427	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	427	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	427	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	427	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	427	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	427	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	427	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	427	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	427	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	427	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	427	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	427	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B44 SA90232-01	127-17797-08011	Soil	22-Jan-09 09:00	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	427	1	SW846 8270C	28-Jan-09	29-Jan-09	9011799	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	427	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	427	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	427	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	427	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	427	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	427	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	427	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	427	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	427	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	427	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	427	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	427	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	427	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	427	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	427	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	427	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	427	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	427	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	427	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	427	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	427	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	427	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	427	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	427	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	427	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	427	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1710	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1710	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	427	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	427	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B44 SA90232-01	127-17797-08011	Soil	22-Jan-09 09:00	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	427	1	SW846 8270C	28-Jan-09	29-Jan-09	9011799	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	427	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	427	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	427	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	427	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*54*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*59*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*46*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*53*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*62*		*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	26.2	1	SW846 8082	27-Jan-09	29-Jan-09	9011747	X
11104-28-2	PCB 1221	BRL		µg/kg dry	26.2	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	26.2	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	26.2	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	26.2	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	26.2	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	26.2	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	26.2	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	26.2	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*116*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*69*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	28-Jan-09	30-Jan-09	9011807	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*68*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

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-B44 SA90232-01	127-17797-08011	Soil	22-Jan-09 09:00	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	17.2	1	+CT ETPH	28-Jan-09	29-Jan-09	9011797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	17.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	17.2	1	"	"	"	"	
	Unidentified	39.8		mg/kg dry	17.2	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	17.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	39.8		mg/kg dry	17.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	39.8		mg/kg dry	17.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*86*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.92	1	SW846 6010B	26-Jan-09	27-Jan-09	9011604	X
7440-38-2	Arsenic	4.31		mg/kg dry	1.92	1	"	"	"	"	X
7440-39-3	Barium	117		mg/kg dry	1.28	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.641	1	"	"	"	"	X
7440-47-3	Chromium	11.7		mg/kg dry	1.28	1	"	"	"	"	X
7439-97-6	Mercury	0.171		mg/kg dry	0.0380	1	SW846 7471A	"	27-Jan-09	9011605	X
7439-92-1	Lead	33.6		mg/kg dry	1.92	1	SW846 6010B	"	27-Jan-09	9011604	X
7782-49-2	Selenium	2.34		mg/kg dry	1.92	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	76.2		%		1	SM2540 G Mod.	26-Jan-09	26-Jan-09	9011632	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D3 SA90232-02	127-17797-08011	Soil	22-Jan-09 08:20	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	26-Jan-09	26-Jan-09	9011618	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.44 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.1	1	SW846 8260B	27-Jan-09	28-Jan-09	9011706	X
67-64-1	Acetone	BRL		µg/kg dry	50.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.1	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.1	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	50.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	25.3	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.1	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.1	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	234	E, V11	µg/kg dry	10.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	50.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	50.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	50.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.1	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D3 SA90232-02	127-17797-08011	Soil	22-Jan-09 08:20	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.44 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.1	1	SW846 8260B	27-Jan-09	28-Jan-09	9011706	X
100-42-5	Styrene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.1	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.1	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.1	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.1	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	50.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.1	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.1	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.1	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.1	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	50.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	101	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	25.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2030	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*94*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*124*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	
Re-analysis of Volatile Organic Compounds											
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	104	50	SW846 8260B	28-Jan-09	28-Jan-09	9011813	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*99*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*97*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
	SPLP Extraction	Completed	Q09	N/A		1	SW846 1312	18-Feb-09	18-Feb-09	9021290	
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	4320	5	SW846 8270C	28-Jan-09	29-Jan-09	9011799	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	4320	5	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	4320	5	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	4320	5	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	4320	5	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	4320	5	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D3	127-17797-08011	Soil	22-Jan-09 08:20	23-Jan-09
SA90232-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
92-87-5	Benzidine	BRL		µg/kg dry	4320	5	SW846 8270C	28-Jan-09	29-Jan-09	9011799	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	4320	5	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	4320	5	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	4320	5	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	4320	5	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	4320	5	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	4320	5	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	4320	5	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	4320	5	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	4320	5	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	4320	5	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	4320	5	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	4320	5	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	4320	5	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	4320	5	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	4320	5	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	4320	5	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	4320	5	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	4320	5	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	4320	5	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	4320	5	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	4320	5	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	4320	5	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4320	5	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4320	5	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4320	5	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	4320	5	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	4320	5	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	4320	5	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	4320	5	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	4320	5	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	4320	5	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	4320	5	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	4320	5	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	4320	5	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	4320	5	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	4320	5	"	"	"	"	X
206-44-0	Fluoranthene	6,840		µg/kg dry	4320	5	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	4320	5	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	4320	5	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4320	5	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	4320	5	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	4320	5	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	4320	5	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	4320	5	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	4320	5	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	4320	5	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	4320	5	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	4320	5	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4320	5	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D3 SA90232-02	127-17797-08011	Soil	22-Jan-09 08:20	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
88-74-4	2-Nitroaniline	BRL		µg/kg dry	4320	5	SW846 8270C	28-Jan-09	29-Jan-09	9011799	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	4320	5	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	17300	5	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	4320	5	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	4320	5	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	17300	5	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	4320	5	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	4320	5	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	4320	5	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	4320	5	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	4320	5	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	4320	5	"	"	"	"	X
129-00-0	Pyrene	5,410		µg/kg dry	4320	5	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	4320	5	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4320	5	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	4320	5	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	4320	5	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	4320	5	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	4320	5	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*81*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*80*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*64*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*93*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*68*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*63*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	832		µg/kg dry	20.1	1	SW846 8082	27-Jan-09	29-Jan-09	9011747	X
11104-28-2	PCB 1221	BRL		µg/kg dry	20.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	20.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	20.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	20.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	20.1	1	"	"	"	"	X
11096-82-5	PCB 1260	155		µg/kg dry	20.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	20.1	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	20.1	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*113*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*81*		*30-150 %*			"	"	"	"	
SPLP Polychlorinated Biphenyls by SW846 1312/8082											
Prepared by method SW846 3535											
12674-11-2	Aroclor-1016	BRL		µg/l	0.0204	1	SW846 1312/8082	19-Feb-09	20-Feb-09	9021337	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.0204	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/l	0.0204	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.0204	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.0204	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/l	0.0204	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.0204	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D3 SA90232-02	127-17797-08011	Soil	22-Jan-09 08:20	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
SPLP Polychlorinated Biphenyls by SW846 1312/8082											
Prepared by method SW846 3535											
37324-23-5	Aroclor-1262	BRL		µg/l	0.0204	1	SW846 1312/8082	19-Feb-09	20-Feb-09	9021337	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.0204	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*39*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*62*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	28-Jan-09	30-Jan-09	9011807	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*91*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	174	5	+CT ETPH	28-Jan-09	29-Jan-09	9011797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	174	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	174	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	174	5	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	174	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	174	5	"	"	"	"	
	Unidentified	1,100		mg/kg dry	174	5	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	174	5	"	"	"	"	
	Total Petroleum Hydrocarbons	1,100		mg/kg dry	174	5	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	1,100		mg/kg dry	174	5	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*155*	S02	*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.50	1	SW846 6010B	26-Jan-09	27-Jan-09	9011604	X
7440-38-2	Arsenic	5.05		mg/kg dry	1.50	1	"	"	"	"	X
7440-39-3	Barium	80.5		mg/kg dry	1.00	1	"	"	"	"	X
7440-43-9	Cadmium	1.00		mg/kg dry	0.500	1	"	"	"	"	X
7440-47-3	Chromium	19.1		mg/kg dry	1.00	1	"	"	"	"	X
7439-97-6	Mercury	0.100		mg/kg dry	0.0294	1	SW846 7471A	"	27-Jan-09	9011605	X
7439-92-1	Lead	242		mg/kg dry	1.50	1	SW846 6010B	"	27-Jan-09	9011604	X
7782-49-2	Selenium	2.39		mg/kg dry	1.50	1	"	"	"	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	05-Feb-09	05-Feb-09	9020460	X
7439-92-1	Lead	0.350		mg/l	0.0150	1	SW846 1311/6010B	06-Feb-09	07-Feb-09	9020466	X
General Chemistry Parameters											
	% Solids	95.3		%		1	SM2540 G Mod.	26-Jan-09	26-Jan-09	9011632	

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*** Reportable Detection Limit** **BRL = Below Reporting Limit**

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D13 SA90232-03	127-17797-08011	Soil	22-Jan-09 09:45	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	26-Jan-09	26-Jan-09	9011618	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.58 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.9	1	SW846 8260B	27-Jan-09	28-Jan-09	9011706	X
67-64-1	Acetone	BRL		µg/kg dry	59.1	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.9	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.9	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	59.1	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	29.6	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.9	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.8	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.8	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.9	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.8	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	59.1	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	59.1	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	59.1	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.9	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D13	127-17797-08011	Soil	22-Jan-09 09:45	23-Jan-09
SA90232-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.58 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.9	1	SW846 8260B	27-Jan-09	28-Jan-09	9011706	X
100-42-5	Styrene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.9	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.9	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	59.1	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	59.1	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	118	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	29.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2360	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*125*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*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	378	1	SW846 8270C	28-Jan-09	30-Jan-09	9011799	X
208-96-8	Acenaphthylene	951		µg/kg dry	378	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	378	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	378	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	378	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	378	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	378	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	3,060		µg/kg dry	378	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	3,740		µg/kg dry	378	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	5,180		µg/kg dry	378	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	913		µg/kg dry	378	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	3,510		µg/kg dry	378	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	378	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	378	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D13 SA90232-03	127-17797-08011	Soil	22-Jan-09 09:45	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	378	1	SW846 8270C	28-Jan-09	30-Jan-09	9011799	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	378	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	378	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	378	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	378	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	378	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	378	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	378	1	"	"	"	"	X
218-01-9	Chrysene	2,580		µg/kg dry	378	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	383		µg/kg dry	378	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	378	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	378	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	378	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	378	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
206-44-0	Fluoranthene	3,930		µg/kg dry	378	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	378	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	378	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	378	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	378	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	1,210		µg/kg dry	378	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	378	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	378	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	378	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	378	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	378	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	378	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1510	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1510	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	378	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	378	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D13 SA90232-03	127-17797-08011	Soil	22-Jan-09 09:45	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	378	1	SW846 8270C	28-Jan-09	30-Jan-09	9011799	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	378	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	378	1	"	"	"	"	X
129-00-0	Pyrene	5,500		µg/kg dry	378	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	378	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*77*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*70*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*72*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*75*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*65*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*67*		*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	21.7	1	SW846 8082	27-Jan-09	29-Jan-09	9011747	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.7	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.7	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.7	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.7	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*114*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*103*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	28-Jan-09	30-Jan-09	9011807	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*61*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D13 SA90232-03	127-17797-08011	Soil	22-Jan-09 09:45	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.2	1	+CT ETPH	28-Jan-09	29-Jan-09	9011797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	Calculated as		mg/kg dry	15.2	1	"	"	"	"	
M06800000	Motor Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Unidentified	239		mg/kg dry	15.2	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	239		mg/kg dry	15.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	239		mg/kg dry	15.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*101*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.64	1	SW846 6010B	26-Jan-09	27-Jan-09	9011604	X
7440-38-2	Arsenic	12.0		mg/kg dry	1.64	1	"	"	"	"	X
7440-39-3	Barium	220		mg/kg dry	1.10	1	"	"	"	"	X
7440-43-9	Cadmium	0.849		mg/kg dry	0.548	1	"	"	"	"	X
7440-47-3	Chromium	20.4		mg/kg dry	1.10	1	"	"	"	"	X
7439-97-6	Mercury	0.161		mg/kg dry	0.0338	1	SW846 7471A	"	27-Jan-09	9011605	X
7439-92-1	Lead	135		mg/kg dry	1.64	1	SW846 6010B	"	27-Jan-09	9011604	X
7782-49-2	Selenium	3.11		mg/kg dry	1.64	1	"	"	"	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	05-Feb-09	05-Feb-09	9020460	X
7439-92-1	Lead	0.0809		mg/l	0.0150	1	SW846 1311/6010B	06-Feb-09	07-Feb-09	9020466	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	05-Feb-09	05-Feb-09	9020429	
7440-38-2	Arsenic	0.0140		mg/l	0.0080	1	SW846 1312/6010B	06-Feb-09	07-Feb-09	9020464	
7440-39-3	Barium	0.0257		mg/l	0.0100	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	"	"	"	"	
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	86.9		%		1	SM2540 G Mod.	26-Jan-09	26-Jan-09	9011632	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D14 SA90232-04	127-17797-08011	Soil	22-Jan-09 12:15	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	26-Jan-09	26-Jan-09	9011618	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.66 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.5	1	SW846 8260B	27-Jan-09	28-Jan-09	9011706	X
67-64-1	Acetone	BRL		µg/kg dry	55.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	55.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.6	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	55.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	55.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	55.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.5	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D14 SA90232-04	127-17797-08011	Soil	22-Jan-09 12:15	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.66 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.5	1	SW846 8260B	27-Jan-09	28-Jan-09	9011706	X
100-42-5	Styrene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	55.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	55.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	110	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	27.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2210	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*84*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*93*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*122*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*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	364	1	SW846 8270C	28-Jan-09	30-Jan-09	9011799	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	364	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	364	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	364	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	364	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	364	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	364	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	364	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	364	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	364	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	364	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	364	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	364	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	364	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D14 SA90232-04	127-17797-08011	Soil	22-Jan-09 12:15	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	364	1	SW846 8270C	28-Jan-09	30-Jan-09	9011799	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	364	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	364	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	364	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	364	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	364	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	364	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	364	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	364	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	364	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	364	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	364	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	364	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	364	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	364	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	364	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	364	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	364	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	364	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	364	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	364	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	364	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	364	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	364	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	364	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	364	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	364	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	364	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	364	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	364	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	364	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	364	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	364	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	364	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	364	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	364	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	364	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	364	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	364	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	364	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	364	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	364	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	364	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	364	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1460	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	364	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	364	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1460	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	364	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	364	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D14 SA90232-04	127-17797-08011	Soil	22-Jan-09 12:15	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	364	1	SW846 8270C	28-Jan-09	30-Jan-09	9011799	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	364	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	364	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	364	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	364	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	364	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	364	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	364	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	364	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	364	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	364	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*76*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*69*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*73*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*59*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*64*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*68*		*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	21.8	1	SW846 8082	27-Jan-09	29-Jan-09	9011747	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.8	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.8	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.8	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.8	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*120*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	28-Jan-09	30-Jan-09	9011807	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*54*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D14 SA90232-04	127-17797-08011	Soil	22-Jan-09 12:15	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.7	1	+CT ETPH	28-Jan-09	29-Jan-09	9011797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.7	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.7	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.7	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.7	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.7	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.7	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.7	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*99*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.53	1	SW846 6010B	26-Jan-09	27-Jan-09	9011604	X
7440-38-2	Arsenic	11.2		mg/kg dry	1.53	1	"	"	"	"	X
7440-39-3	Barium	83.0		mg/kg dry	1.02	1	"	"	"	"	X
7440-43-9	Cadmium	0.733		mg/kg dry	0.509	1	"	"	"	"	X
7440-47-3	Chromium	14.5		mg/kg dry	1.02	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0293	1	SW846 7471A	"	27-Jan-09	9011605	X
7439-92-1	Lead	43.9		mg/kg dry	1.53	1	SW846 6010B	"	27-Jan-09	9011604	X
7782-49-2	Selenium	2.09		mg/kg dry	1.53	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	05-Feb-09	05-Feb-09	9020429	
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	SW846 1312/6010B	06-Feb-09	07-Feb-09	9020464	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	89.5		%		1	SM2540 G Mod.	26-Jan-09	26-Jan-09	9011633	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D15 SA90232-05	127-17797-08011	Soil	22-Jan-09 10:30	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	26-Jan-09	26-Jan-09	9011618	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.31 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.3	1	SW846 8260B	27-Jan-09	28-Jan-09	9011706	X
67-64-1	Acetone	BRL		µg/kg dry	53.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	53.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.5	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	53.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	53.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	53.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.3	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D15 SA90232-05	127-17797-08011	Soil	22-Jan-09 10:30	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.31 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.3	1	SW846 8260B	27-Jan-09	28-Jan-09	9011706	X
100-42-5	Styrene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.3	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	53.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	53.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	106	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	26.5	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2120	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*82*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*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 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	378	1	SW846 8270C	28-Jan-09	28-Jan-09	9011799	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	378	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	378	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	378	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	378	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	378	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	378	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	378	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	378	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	378	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	378	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	378	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	378	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	378	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D15 SA90232-05	127-17797-08011	Soil	22-Jan-09 10:30	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	378	1	SW846 8270C	28-Jan-09	28-Jan-09	9011799	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	378	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	378	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	378	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	378	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	378	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	378	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	378	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	378	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	378	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	378	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	378	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	378	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	378	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	378	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	378	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	378	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	378	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	378	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	378	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	378	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	378	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	378	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	378	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	378	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	378	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	378	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	378	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1510	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1510	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	378	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	378	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D15	127-17797-08011	Soil	22-Jan-09 10:30	23-Jan-09
SA90232-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	378	1	SW846 8270C	28-Jan-09	28-Jan-09	9011799	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	378	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	378	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	378	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	378	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	378	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	378	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*74*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*67*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*70*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*60*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*63*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*65*		*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	22.4	1	SW846 8082	27-Jan-09	29-Jan-09	9011747	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.4	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.4	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.4	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.4	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.4	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.4	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.4	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.4	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*117*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	28-Jan-09	30-Jan-09	9011807	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*64*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D15 SA90232-05	127-17797-08011	Soil	22-Jan-09 10:30	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.2	1	+CT ETPH	26-Jan-09	29-Jan-09	9011797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*95*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.50	1	SW846 6010B	26-Jan-09	27-Jan-09	9011604	X
7440-38-2	Arsenic	1.53		mg/kg dry	1.50	1	"	"	"	"	X
7440-39-3	Barium	35.2		mg/kg dry	1.00	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.501	1	"	"	"	"	X
7440-47-3	Chromium	6.33		mg/kg dry	1.00	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0334	1	SW846 7471A	"	27-Jan-09	9011605	X
7439-92-1	Lead	5.37		mg/kg dry	1.50	1	SW846 6010B	"	27-Jan-09	9011604	X
7782-49-2	Selenium	BRL		mg/kg dry	1.50	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	87.0		%		1	SM2540 G Mod.	26-Jan-09	26-Jan-09	9011633	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D17 SA90232-06	127-17797-08011	Soil	22-Jan-09 11:00	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	26-Jan-09	26-Jan-09	9011618	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.74 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.6	1	SW846 8260B	27-Jan-09	28-Jan-09	9011706	X
67-64-1	Acetone	BRL		µg/kg dry	45.7	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.6	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.6	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	45.7	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	22.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.6	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	214	E	µg/kg dry	9.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	45.7	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	45.7	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	45.7	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.6	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D17 SA90232-06	127-17797-08011	Soil	22-Jan-09 11:00	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.74 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.6	1	SW846 8260B	27-Jan-09	28-Jan-09	9011706	X
100-42-5	Styrene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.6	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.6	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	45.7	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	45.7	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	91.4	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	22.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1830	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*82*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*126*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	
Re-analysis of Volatile Organic Compounds											
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	114	50	SW846 8260B	28-Jan-09	28-Jan-09	9011813	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*97*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*93*		*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	361	1	SW846 8270C	28-Jan-09	30-Jan-09	9011799	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	361	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	361	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	361	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	361	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	361	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	361	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D17 SA90232-06	127-17797-08011	Soil	22-Jan-09 11:00	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	369		µg/kg dry	361	1	SW846 8270C	28-Jan-09	30-Jan-09	9011799	X
50-32-8	Benzo (a) pyrene	443		µg/kg dry	361	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	544		µg/kg dry	361	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	361	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	568		µg/kg dry	361	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	361	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	361	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	361	1	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	361	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	361	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	361	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	361	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	361	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	361	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	361	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	361	1	"	"	"	"	X
218-01-9	Chrysene	452		µg/kg dry	361	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	361	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	361	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	361	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	361	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	361	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	361	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	361	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	361	1	"	"	"	"	X
206-44-0	Fluoranthene	816		µg/kg dry	361	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	361	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	361	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	361	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	361	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	361	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	361	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	361	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	361	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	361	1	"	"	"	"	X
108-39-4, 108-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	361	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	361	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	361	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D17 SA90232-06	127-17797-08011	Soil	22-Jan-09 11:00	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	361	1	SW846 8270C	28-Jan-09	30-Jan-09	9011799	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1440	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1440	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	361	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	361	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	361	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	361	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	361	1	"	"	"	"	X
129-00-0	Pyrene	622		µg/kg dry	361	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	361	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	361	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	361	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*76*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*69*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*72*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*58*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*63*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*68*		*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	21.1	1	SW846 8082	27-Jan-09	29-Jan-09	9011747	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.1	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.1	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.1	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*124*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	28-Jan-09	30-Jan-09	9011807	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D17 SA90232-06	127-17797-08011	Soil	22-Jan-09 11:00	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
94-74-6	MCPA	BRL		µg/kg dry	670	1	SW846 8151A	28-Jan-09	30-Jan-09	9011807	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*54*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.5	1	+CT ETPH	28-Jan-09	29-Jan-09	9011797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Unidentified	74.1		mg/kg dry	14.5	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	74.1		mg/kg dry	14.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	74.1		mg/kg dry	14.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*95*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.61	1	SW846 6010B	26-Jan-09	27-Jan-09	9011604	X
7440-38-2	Arsenic	24.6		mg/kg dry	1.61	1	"	"	"	"	X
7440-39-3	Barium	43.5		mg/kg dry	1.08	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.538	1	"	"	"	"	X
7440-47-3	Chromium	8.30		mg/kg dry	1.08	1	"	"	"	"	X
7439-97-6	Mercury	0.130		mg/kg dry	0.0311	1	SW846 7471A	"	27-Jan-09	9011605	X
7439-92-1	Lead	68.9		mg/kg dry	1.61	1	SW846 6010B	"	27-Jan-09	9011604	X
7782-49-2	Selenium	BRL		mg/kg dry	1.61	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	05-Feb-09	05-Feb-09	9020429	
7440-38-2	Arsenic	0.0103		mg/l	0.0080	1	SW846 1312/6010B	06-Feb-09	07-Feb-09	9020464	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	91.0		%		1	SM2540 G Mod.	26-Jan-09	26-Jan-09	9011633	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D18 SA90232-07	127-17797-08011	Soil	22-Jan-09 11:50	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	26-Jan-09	26-Jan-09	9011618	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.09 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.8	1	SW846 8260B	27-Jan-09	28-Jan-09	9011706	X
67-64-1	Acetone	BRL		µg/kg dry	47.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	47.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	23.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	47.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	47.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	47.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.8	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D18 SA90232-07	127-17797-08011	Soil	22-Jan-09 11:50	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.09 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.8	1	SW846 8260B	27-Jan-09	28-Jan-09	9011706	X
100-42-5	Styrene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	47.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	47.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	95.6	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	23.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1910	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*83*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*93*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*128*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*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	350	1	SW846 8270C	28-Jan-09	30-Jan-09	9011799	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	350	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	350	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	350	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	350	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	350	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	350	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	350	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	350	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	350	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	350	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	407		µg/kg dry	350	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	350	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	350	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D18 SA90232-07	127-17797-08011	Soil	22-Jan-09 11:50	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	350	1	SW846 8270C	28-Jan-09	30-Jan-09	9011799	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	350	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	350	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	350	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	350	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	350	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	350	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	350	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	350	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	350	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	350	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	350	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	350	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	350	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	350	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	350	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	350	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	350	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	350	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	350	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	350	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	350	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	350	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	350	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	350	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	350	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	350	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	350	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	350	1	"	"	"	"	X
206-44-0	Fluoranthene	578		µg/kg dry	350	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	350	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	350	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	350	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	350	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	350	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	350	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	350	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	350	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	350	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	350	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	350	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	350	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	350	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	350	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1400	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	350	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	350	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1400	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	350	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	350	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D18 SA90232-07	127-17797-08011	Soil	22-Jan-09 11:50	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	350	1	SW846 8270C	28-Jan-09	30-Jan-09	9011799	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	350	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	350	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	350	1	"	"	"	"	X
129-00-0	Pyrene	444		µg/kg dry	350	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	350	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	350	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	350	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	350	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	350	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	350	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*72*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*63*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*67*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*51*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*60*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*62*		*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	21.0	1	SW846 8082	27-Jan-09	29-Jan-09	9011747	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.0	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.0	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.0	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.0	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.0	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.0	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.0	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.0	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*118*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*79*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	28-Jan-09	30-Jan-09	9011807	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*69*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D18 SA90232-07	127-17797-08011	Soil	22-Jan-09 11:50	23-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.1	1	+CT ETPH	28-Jan-09	29-Jan-09	9011797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.1	1	"	"	"	"	
M00800000	Motor Oil	BRL		mg/kg dry	14.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.1	1	"	"	"	"	
	Unidentified	40.0		mg/kg dry	14.1	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	40.0		mg/kg dry	14.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	40.0		mg/kg dry	14.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*86*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.49	1	SW846 6010B	26-Jan-09	27-Jan-09	9011604	X
7440-38-2	Arsenic	3.30		mg/kg dry	1.49	1	"	"	"	"	X
7440-39-3	Barium	26.4		mg/kg dry	0.993	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.496	1	"	"	"	"	X
7440-47-3	Chromium	7.85		mg/kg dry	0.993	1	"	"	"	"	X
7439-97-6	Mercury	0.0536		mg/kg dry	0.0316	1	SW846 7471A	"	27-Jan-09	9011605	X
7439-92-1	Lead	34.5		mg/kg dry	1.49	1	SW846 6010B	"	27-Jan-09	9011604	X
7782-49-2	Selenium	1.55		mg/kg dry	1.49	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	93.1		%		1	SM2540 G Mod.	26-Jan-09	26-Jan-09	9011633	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011706 - SW846 5035A Soil (low level)										
Blank (9011706-BLK1)										
Prepared & Analyzed: 27-Jan-09										
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 9011706 - SW846 5035A Soil (low level)										
Blank (9011706-BLK1)										
Prepared & Analyzed: 27-Jan-09										
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						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	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						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*42.3*		µg/kg wet		*50.0*		*85*	*70-130*		
Surrogate: Toluene-d8	*45.9*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*61.9*		µg/kg wet		*50.0*		*124*	*70-130*		
Surrogate: Dibromofluoromethane	*52.2*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS (9011706-BS1)										
Prepared & Analyzed: 27-Jan-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.1		µg/kg wet		20.0		120	70-130		
Acetone	9.2		µg/kg wet		20.0		46	7.9-168		
Acrylonitrile	16.9		µg/kg wet		20.0		84	70-130		
Benzene	22.2		µg/kg wet		20.0		111	70-130		
Bromobenzene	17.1		µg/kg wet		20.0		86	70-130		
Bromochloromethane	16.4		µg/kg wet		20.0		82	70-130		
Bromodichloromethane	21.2		µg/kg wet		20.0		106	70-130		
Bromoform	18.3		µg/kg wet		20.0		92	70-130		
Bromomethane	15.0		µg/kg wet		20.0		75	50-134		
2-Butanone (MEK)	17.0		µg/kg wet		20.0		85	44.6-130		
n-Butylbenzene	23.1		µg/kg wet		20.0		116	70-130		
sec-Butylbenzene	18.4		µg/kg wet		20.0		92	70-130		
tert-Butylbenzene	17.4		µg/kg wet		20.0		87	70-130		
Carbon disulfide	22.4		µg/kg wet		20.0		112	70-130		
Carbon tetrachloride	23.0		µg/kg wet		20.0		115	70-130		
Chlorobenzene	19.8		µg/kg wet		20.0		99	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011706 - SW846 5035A Soil (low level)										
LCS (9011706-BS1)										
Prepared & Analyzed: 27-Jan-09										
Chloroethane	15.8		µg/kg wet		20.0		79	59.2-130		
Chloroform	19.8		µg/kg wet		20.0		99	70-130		
Chloromethane	14.5		µg/kg wet		20.0		73	70-130		
2-Chlorotoluene	19.4		µg/kg wet		20.0		97	70-130		
4-Chlorotoluene	18.1		µg/kg wet		20.0		90	70-130		
1,2-Dibromo-3-chloropropane	18.1		µg/kg wet		20.0		91	70-130		
Dibromochloromethane	18.0		µg/kg wet		20.0		90	63.8-130		
1,2-Dibromoethane (EDB)	16.9		µg/kg wet		20.0		84	70-130		
Dibromomethane	18.3		µg/kg wet		20.0		92	70-130		
1,2-Dichlorobenzene	19.9		µg/kg wet		20.0		100	70-130		
1,3-Dichlorobenzene	16.6		µg/kg wet		20.0		83	70-130		
1,4-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	17.0		µg/kg wet		20.0		85	41.8-130		
1,1-Dichloroethane	21.7		µg/kg wet		20.0		108	70-130		
1,2-Dichloroethane	19.4		µg/kg wet		20.0		97	70-130		
1,1-Dichloroethene	22.5		µg/kg wet		20.0		112	70-130		
cis-1,2-Dichloroethene	21.0		µg/kg wet		20.0		105	70-130		
trans-1,2-Dichloroethene	22.2		µg/kg wet		20.0		111	70-130		
1,2-Dichloropropane	21.5		µg/kg wet		20.0		107	70-130		
1,3-Dichloropropane	17.9		µg/kg wet		20.0		90	70-130		
2,2-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130		
1,1-Dichloropropene	22.4		µg/kg wet		20.0		112	70-130		
cis-1,3-Dichloropropene	18.4		µg/kg wet		20.0		92	70-130		
trans-1,3-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130		
Ethylbenzene	20.4		µg/kg wet		20.0		102	70-130		
Hexachlorobutadiene	17.6		µg/kg wet		20.0		88	68.3-130		
2-Hexanone (MBK)	14.4		µg/kg wet		20.0		72	70-130		
Isopropylbenzene	19.0		µg/kg wet		20.0		95	70-130		
4-Isopropyltoluene	21.3		µg/kg wet		20.0		106	70-130		
Methyl tert-butyl ether	20.3		µg/kg wet		20.0		102	70-130		
4-Methyl-2-pentanone (MIBK)	15.4		µg/kg wet		20.0		77	53.1-132		
Methylene chloride	17.1		µg/kg wet		20.0		85	70-130		
Naphthalene	14.9		µg/kg wet		20.0		74	70-130		
n-Propylbenzene	19.1		µg/kg wet		20.0		96	70-130		
Styrene	18.5		µg/kg wet		20.0		93	70-130		
1,1,1,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,1,2,2-Tetrachloroethane	17.5		µg/kg wet		20.0		87	70-130		
Tetrachloroethene	18.2		µg/kg wet		20.0		91	70-130		
Toluene	17.4		µg/kg wet		20.0		87	70-130		
1,2,3-Trichlorobenzene	15.7		µg/kg wet		20.0		79	70-130		
1,2,4-Trichlorobenzene	15.9		µg/kg wet		20.0		80	70-130		
1,3,5-Trichlorobenzene	17.9		µg/kg wet		20.0		90	70-130		
1,1,1-Trichloroethane	22.2		µg/kg wet		20.0		111	70-130		
1,1,2-Trichloroethane	18.6		µg/kg wet		20.0		93	70-130		
Trichloroethene	20.9		µg/kg wet		20.0		104	70-130		
Trichlorofluoromethane (Freon 11)	21.5		µg/kg wet		20.0		108	68.2-130		
1,2,3-Trichloropropane	18.2		µg/kg wet		20.0		91	70-130		
1,2,4-Trimethylbenzene	18.1		µg/kg wet		20.0		90	70-130		
1,3,5-Trimethylbenzene	18.2		µg/kg wet		20.0		91	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011706 - SW846 5035A Soil (low level)										
LCS (9011706-BS1)										
Prepared & Analyzed: 27-Jan-09										
Vinyl chloride	18.4		µg/kg wet		20.0		92	70-130		
m,p-Xylene	39.3		µg/kg wet		40.0		98	70-130		
o-Xylene	19.0		µg/kg wet		20.0		95	70-130		
Tetrahydrofuran	16.2		µg/kg wet		20.0		81	70-130		
Ethyl ether	21.6		µg/kg wet		20.0		108	70-130		
Tert-amyl methyl ether	20.3		µg/kg wet		20.0		102	70-130		
Ethyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130		
Di-isopropyl ether	21.2		µg/kg wet		20.0		106	70-130		
Tert-Butanol / butyl alcohol	148		µg/kg wet		200		74	70-130		
1,4-Dioxane	114		µg/kg wet		200		57	48.7-130		
trans-1,4-Dichloro-2-butene	17.5		µg/kg wet		20.0		87	70-130		
Ethanol	292		µg/kg wet		400		73	70-130		
Surrogate: 4-Bromofluorobenzene	*45.8*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: Toluene-d8	*45.2*		µg/kg wet		*50.0*		*90*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*47.2*		µg/kg wet		*50.0*		*94*	*70-130*		
LCS Dup (9011706-BSD1)										
Prepared & Analyzed: 27-Jan-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.7		µg/kg wet		20.0		129	70-130	7	25
Acetone	8.4		µg/kg wet		20.0		42	7.9-168	9	50
Acrylonitrile	17.9		µg/kg wet		20.0		89	70-130	6	25
Benzene	22.4		µg/kg wet		20.0		112	70-130	1	25
Bromobenzene	17.3		µg/kg wet		20.0		87	70-130	1	25
Bromochloromethane	16.9		µg/kg wet		20.0		85	70-130	3	25
Bromodichloromethane	21.4		µg/kg wet		20.0		107	70-130	0.7	25
Bromoform	19.2		µg/kg wet		20.0		96	70-130	5	25
Bromomethane	15.1		µg/kg wet		20.0		76	50-134	0.8	50
2-Butanone (MEK)	14.0		µg/kg wet		20.0		70	44.6-130	19	50
n-Butylbenzene	23.9		µg/kg wet		20.0		119	70-130	3	25
sec-Butylbenzene	19.0		µg/kg wet		20.0		95	70-130	3	25
tert-Butylbenzene	18.0		µg/kg wet		20.0		90	70-130	3	25
Carbon disulfide	23.0		µg/kg wet		20.0		115	70-130	3	25
Carbon tetrachloride	23.9		µg/kg wet		20.0		120	70-130	4	25
Chlorobenzene	20.7		µg/kg wet		20.0		104	70-130	4	25
Chloroethane	15.8		µg/kg wet		20.0		79	59.2-130	0	50
Chloroform	20.3		µg/kg wet		20.0		101	70-130	2	25
Chloromethane	14.6		µg/kg wet		20.0		73	70-130	0.8	25
2-Chlorotoluene	19.8		µg/kg wet		20.0		99	70-130	2	25
4-Chlorotoluene	18.9		µg/kg wet		20.0		94	70-130	4	25
1,2-Dibromo-3-chloropropane	21.9		µg/kg wet		20.0		109	70-130	19	25
Dibromochloromethane	17.9		µg/kg wet		20.0		90	63.8-130	0.4	50
1,2-Dibromoethane (EDB)	17.5		µg/kg wet		20.0		87	70-130	4	25
Dibromomethane	18.5		µg/kg wet		20.0		93	70-130	1	25
1,2-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	3	25
1,3-Dichlorobenzene	16.6		µg/kg wet		20.0		83	70-130	0	25
1,4-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	5	25
Dichlorodifluoromethane (Freon12)	18.1		µg/kg wet		20.0		91	41.8-130	6	50
1,1-Dichloroethane	21.6		µg/kg wet		20.0		108	70-130	0.5	25
1,2-Dichloroethane	20.2		µg/kg wet		20.0		101	70-130	4	25
1,1-Dichloroethene	23.3		µg/kg wet		20.0		117	70-130	4	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011706 - SW846 5035A Soil (low level)										
LCS Dup (9011706-BSD1)										
Prepared & Analyzed: 27-Jan-09										
cis-1,2-Dichloroethene	21.2		µg/kg wet		20.0		106	70-130	0.8	25
trans-1,2-Dichloroethene	23.0		µg/kg wet		20.0		115	70-130	4	25
1,2-Dichloropropane	22.4		µg/kg wet		20.0		112	70-130	4	25
1,3-Dichloropropane	18.5		µg/kg wet		20.0		93	70-130	3	25
2,2-Dichloropropane	21.3		µg/kg wet		20.0		107	70-130	0.9	25
1,1-Dichloropropene	23.4		µg/kg wet		20.0		117	70-130	4	25
cis-1,3-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130	6	25
trans-1,3-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130	5	25
Ethylbenzene	21.1		µg/kg wet		20.0		106	70-130	4	25
Hexachlorobutadiene	19.0		µg/kg wet		20.0		95	68.3-130	8	50
2-Hexanone (MBK)	15.2		µg/kg wet		20.0		76	70-130	5	25
Isopropylbenzene	19.7		µg/kg wet		20.0		99	70-130	3	25
4-Isopropyltoluene	22.6		µg/kg wet		20.0		113	70-130	6	25
Methyl tert-butyl ether	20.8		µg/kg wet		20.0		104	70-130	2	25
4-Methyl-2-pentanone (MIBK)	17.6		µg/kg wet		20.0		88	53.1-132	14	50
Methylene chloride	17.1		µg/kg wet		20.0		86	70-130	0.4	25
Naphthalene	15.6		µg/kg wet		20.0		78	70-130	5	25
n-Propylbenzene	19.5		µg/kg wet		20.0		98	70-130	2	25
Styrene	19.2		µg/kg wet		20.0		96	70-130	4	25
1,1,1,2-Tetrachloroethane	21.0		µg/kg wet		20.0		105	70-130	4	25
1,1,2,2-Tetrachloroethane	18.0		µg/kg wet		20.0		90	70-130	3	25
Tetrachloroethene	18.8		µg/kg wet		20.0		94	70-130	4	25
Toluene	17.8		µg/kg wet		20.0		89	70-130	3	25
1,2,3-Trichlorobenzene	17.3		µg/kg wet		20.0		86	70-130	9	25
1,2,4-Trichlorobenzene	16.5		µg/kg wet		20.0		82	70-130	3	25
1,3,5-Trichlorobenzene	18.7		µg/kg wet		20.0		94	70-130	4	25
1,1,1-Trichloroethane	23.4		µg/kg wet		20.0		117	70-130	5	25
1,1,2-Trichloroethane	19.1		µg/kg wet		20.0		95	70-130	3	25
Trichloroethene	21.7		µg/kg wet		20.0		109	70-130	4	25
Trichlorofluoromethane (Freon 11)	22.3		µg/kg wet		20.0		111	68.2-130	4	50
1,2,3-Trichloropropane	18.3		µg/kg wet		20.0		92	70-130	0.8	25
1,2,4-Trimethylbenzene	18.4		µg/kg wet		20.0		92	70-130	2	25
1,3,5-Trimethylbenzene	18.6		µg/kg wet		20.0		93	70-130	2	25
Vinyl chloride	18.3		µg/kg wet		20.0		91	70-130	0.5	25
m,p-Xylene	40.7		µg/kg wet		40.0		102	70-130	4	25
o-Xylene	19.8		µg/kg wet		20.0		99	70-130	4	25
Tetrahydrofuran	16.8		µg/kg wet		20.0		84	70-130	4	25
Ethyl ether	21.5		µg/kg wet		20.0		108	70-130	0.3	50
Tert-amyl methyl ether	18.9		µg/kg wet		20.0		95	70-130	7	25
Ethyl tert-butyl ether	21.2		µg/kg wet		20.0		106	70-130	3	25
Di-isopropyl ether	21.7		µg/kg wet		20.0		109	70-130	2	25
Tert-Butanol / butyl alcohol	146		µg/kg wet		200		73	70-130	1	25
1,4-Dioxane	125		µg/kg wet		200		62	48.7-130	9	25
trans-1,4-Dichloro-2-butene	17.8		µg/kg wet		20.0		89	70-130	2	25
Ethanol	277	QC1	µg/kg wet		400		69	70-130	5	30
Surrogate: 4-Bromofluorobenzene	*45.2*		µg/kg wet		*50.0*		*90*	*70-130*		
Surrogate: Toluene-d8	*45.7*		µg/kg wet		*50.0*		*91*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.3*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*48.3*		µg/kg wet		*50.0*		*97*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011813 - SW846 5030 Soil (high level)										
Blank (9011813-BLK1)										
Prepared & Analyzed: 28-Jan-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	10.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011813 - SW846 5030 Soil (high level)										
Blank (9011813-BLK1)										
Prepared & Analyzed: 28-Jan-09										
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	5.0						
Ethanol	BRL		µg/kg wet	400						
Surrogate: 4-Bromofluorobenzene	*29.9*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*31.5*		µg/kg wet		*30.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.0*		µg/kg wet		*30.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*29.8*		µg/kg wet		*30.0*		*99*	*70-130*		
LCS (9011813-BS1)										
Prepared & Analyzed: 28-Jan-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.0		µg/kg wet		20.0		125	70-130		
Acetone	13.3		µg/kg wet		20.0		67	7.9-168		
Acrylonitrile	18.9		µg/kg wet		20.0		94	70-130		
Benzene	19.0		µg/kg wet		20.0		95	70-130		
Bromobenzene	22.7		µg/kg wet		20.0		114	70-130		
Bromochloromethane	22.3		µg/kg wet		20.0		111	70-130		
Bromodichloromethane	18.9		µg/kg wet		20.0		94	70-130		
Bromoform	17.8		µg/kg wet		20.0		89	70-130		
Bromomethane	21.0		µg/kg wet		20.0		105	50-134		
2-Butanone (MEK)	17.7		µg/kg wet		20.0		89	44.6-130		
n-Butylbenzene	18.3		µg/kg wet		20.0		91	70-130		
sec-Butylbenzene	21.8		µg/kg wet		20.0		109	70-130		
tert-Butylbenzene	23.6		µg/kg wet		20.0		118	70-130		
Carbon disulfide	22.3		µg/kg wet		20.0		111	70-130		
Carbon tetrachloride	16.2		µg/kg wet		20.0		81	70-130		
Chlorobenzene	23.8		µg/kg wet		20.0		119	70-130		
Chloroethane	18.2		µg/kg wet		20.0		91	59.2-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011813 - SW846 5030 Soil (high level)										
LCS (9011813-BS1)										
Prepared & Analyzed: 28-Jan-09										
Chloroform	22.0		µg/kg wet		20.0		110	70-130		
Chloromethane	18.6		µg/kg wet		20.0		93	70-130		
2-Chlorotoluene	19.2		µg/kg wet		20.0		96	70-130		
4-Chlorotoluene	20.5		µg/kg wet		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	10.6	QC2	µg/kg wet		20.0		53	70-130		
Dibromochloromethane	18.0		µg/kg wet		20.0		90	63.8-130		
1,2-Dibromoethane (EDB)	18.7		µg/kg wet		20.0		94	70-130		
Dibromomethane	20.7		µg/kg wet		20.0		104	70-130		
1,2-Dichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
1,3-Dichlorobenzene	22.9		µg/kg wet		20.0		114	70-130		
1,4-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
Dichlorodifluoromethane (Freon12)	19.3		µg/kg wet		20.0		96	41.8-130		
1,1-Dichloroethane	21.7		µg/kg wet		20.0		109	70-130		
1,2-Dichloroethane	21.1		µg/kg wet		20.0		106	70-130		
1,1-Dichloroethene	22.1		µg/kg wet		20.0		110	70-130		
cis-1,2-Dichloroethene	21.4		µg/kg wet		20.0		107	70-130		
trans-1,2-Dichloroethene	21.3		µg/kg wet		20.0		106	70-130		
1,2-Dichloropropane	17.7		µg/kg wet		20.0		89	70-130		
1,3-Dichloropropane	17.5		µg/kg wet		20.0		87	70-130		
2,2-Dichloropropane	13.4	QC2	µg/kg wet		20.0		67	70-130		
1,1-Dichloropropene	19.4		µg/kg wet		20.0		97	70-130		
cis-1,3-Dichloropropene	15.4		µg/kg wet		20.0		77	70-130		
trans-1,3-Dichloropropene	13.0	QC2	µg/kg wet		20.0		65	70-130		
Ethylbenzene	20.3		µg/kg wet		20.0		102	70-130		
Hexachlorobutadiene	20.3		µg/kg wet		20.0		102	68.3-130		
2-Hexanone (MBK)	17.4		µg/kg wet		20.0		87	70-130		
Isopropylbenzene	18.1		µg/kg wet		20.0		90	70-130		
4-Isopropyltoluene	19.6		µg/kg wet		20.0		98	70-130		
Methyl tert-butyl ether	20.8		µg/kg wet		20.0		104	70-130		
4-Methyl-2-pentanone (MIBK)	17.9		µg/kg wet		20.0		90	53.1-132		
Methylene chloride	22.8		µg/kg wet		20.0		114	70-130		
Naphthalene	18.7		µg/kg wet		20.0		93	70-130		
n-Propylbenzene	20.2		µg/kg wet		20.0		101	70-130		
Styrene	20.8		µg/kg wet		20.0		104	70-130		
1,1,1,2-Tetrachloroethane	17.2		µg/kg wet		20.0		86	70-130		
1,1,2,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95	70-130		
Tetrachloroethene	23.1		µg/kg wet		20.0		115	70-130		
Toluene	19.6		µg/kg wet		20.0		98	70-130		
1,2,3-Trichlorobenzene	20.7		µg/kg wet		20.0		103	70-130		
1,2,4-Trichlorobenzene	19.8		µg/kg wet		20.0		99	70-130		
1,3,5-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,1,1-Trichloroethane	18.1		µg/kg wet		20.0		91	70-130		
1,1,2-Trichloroethane	19.0		µg/kg wet		20.0		95	70-130		
Trichloroethene	20.0		µg/kg wet		20.0		100	70-130		
Trichlorofluoromethane (Freon 11)	21.7		µg/kg wet		20.0		109	68.2-130		
1,2,3-Trichloropropane	22.8		µg/kg wet		20.0		114	70-130		
1,2,4-Trimethylbenzene	21.5		µg/kg wet		20.0		108	70-130		
1,3,5-Trimethylbenzene	21.9		µg/kg wet		20.0		109	70-130		
Vinyl chloride	20.4		µg/kg wet		20.0		102	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011813 - SW846 5030 Soil (high level)										
LCS (9011813-BS1)										
Prepared & Analyzed: 28-Jan-09										
m,p-Xylene	41.2		µg/kg wet		40.0		103	70-130		
o-Xylene	21.3		µg/kg wet		20.0		106	70-130		
Tetrahydrofuran	18.7		µg/kg wet		20.0		93	70-130		
Ethyl ether	20.7		µg/kg wet		20.0		104	70-130		
Tert-amyl methyl ether	22.8		µg/kg wet		20.0		114	70-130		
Ethyl tert-butyl ether	14.2		µg/kg wet		20.0		71	70-130		
Di-isopropyl ether	16.0		µg/kg wet		20.0		80	70-130		
Tert-Butanol / butyl alcohol	187		µg/kg wet		200		94	70-130		
1,4-Dioxane	179		µg/kg wet		200		90	48.7-130		
trans-1,4-Dichloro-2-butene	15.6		µg/kg wet		20.0		78	70-130		
Ethanol	385		µg/kg wet		400		96	70-130		
Surrogate: 4-Bromofluorobenzene	*31.0*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*31.0*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.0*		µg/kg wet		*30.0*		*93*	*70-130*		
Surrogate: Dibromofluoromethane	*31.2*		µg/kg wet		*30.0*		*104*	*70-130*		
LCS Dup (9011813-BSD1)										
Prepared & Analyzed: 28-Jan-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.7		µg/kg wet		20.0		119	70-130	5	25
Acetone	15.4		µg/kg wet		20.0		77	7.9-168	15	50
Acrylonitrile	20.0		µg/kg wet		20.0		100	70-130	6	25
Benzene	18.4		µg/kg wet		20.0		92	70-130	3	25
Bromobenzene	22.0		µg/kg wet		20.0		110	70-130	3	25
Bromochloromethane	21.0		µg/kg wet		20.0		105	70-130	6	25
Bromodichloromethane	18.8		µg/kg wet		20.0		94	70-130	0.6	25
Bromoform	16.7		µg/kg wet		20.0		83	70-130	7	25
Bromomethane	19.4		µg/kg wet		20.0		97	50-134	8	50
2-Butanone (MEK)	19.8		µg/kg wet		20.0		99	44.6-130	11	50
n-Butylbenzene	17.5		µg/kg wet		20.0		87	70-130	4	25
sec-Butylbenzene	20.5		µg/kg wet		20.0		102	70-130	6	25
tert-Butylbenzene	21.8		µg/kg wet		20.0		109	70-130	8	25
Carbon disulfide	21.4		µg/kg wet		20.0		107	70-130	4	25
Carbon tetrachloride	15.8		µg/kg wet		20.0		79	70-130	3	25
Chlorobenzene	22.3		µg/kg wet		20.0		112	70-130	7	25
Chloroethane	16.8		µg/kg wet		20.0		84	59.2-130	8	50
Chloroform	20.9		µg/kg wet		20.0		105	70-130	5	25
Chloromethane	17.7		µg/kg wet		20.0		88	70-130	5	25
2-Chlorotoluene	18.3		µg/kg wet		20.0		92	70-130	5	25
4-Chlorotoluene	19.4		µg/kg wet		20.0		97	70-130	6	25
1,2-Dibromo-3-chloropropane	10.8	QC2	µg/kg wet		20.0		54	70-130	3	25
Dibromochloromethane	19.0		µg/kg wet		20.0		95	63.8-130	5	50
1,2-Dibromoethane (EDB)	18.4		µg/kg wet		20.0		92	70-130	2	25
Dibromomethane	20.0		µg/kg wet		20.0		100	70-130	4	25
1,2-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130	0.9	25
1,3-Dichlorobenzene	21.7		µg/kg wet		20.0		109	70-130	5	25
1,4-Dichlorobenzene	20.8		µg/kg wet		20.0		104	70-130	2	25
Dichlorodifluoromethane (Freon12)	17.4		µg/kg wet		20.0		87	41.8-130	10	50
1,1-Dichloroethane	20.8		µg/kg wet		20.0		104	70-130	4	25
1,2-Dichloroethane	21.0		µg/kg wet		20.0		105	70-130	0.8	25
1,1-Dichloroethene	21.3		µg/kg wet		20.0		107	70-130	3	25
cis-1,2-Dichloroethene	20.4		µg/kg wet		20.0		102	70-130	5	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011813 - SW846 5030 Soil (high level)										
LCS Dup (9011813-BSD1)										
Prepared & Analyzed: 28-Jan-09										
trans-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130	6	25
1,2-Dichloropropane	17.5		µg/kg wet		20.0		88	70-130	1	25
1,3-Dichloropropane	17.4		µg/kg wet		20.0		87	70-130	0.8	25
2,2-Dichloropropane	13.0	QC2	µg/kg wet		20.0		65	70-130	3	25
1,1-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130	2	25
cis-1,3-Dichloropropene	14.9		µg/kg wet		20.0		75	70-130	3	25
trans-1,3-Dichloropropene	13.7	QC2	µg/kg wet		20.0		69	70-130	5	25
Ethylbenzene	19.0		µg/kg wet		20.0		95	70-130	7	25
Hexachlorobutadiene	18.0		µg/kg wet		20.0		90	68.3-130	12	50
2-Hexanone (MBK)	18.0		µg/kg wet		20.0		90	70-130	3	25
Isopropylbenzene	16.8		µg/kg wet		20.0		84	70-130	7	25
4-Isopropyltoluene	18.9		µg/kg wet		20.0		94	70-130	4	25
Methyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130	1	25
4-Methyl-2-pentanone (MIBK)	18.4		µg/kg wet		20.0		92	53.1-132	3	50
Methylene chloride	22.7		µg/kg wet		20.0		114	70-130	0.1	25
Naphthalene	17.3		µg/kg wet		20.0		87	70-130	8	25
n-Propylbenzene	19.1		µg/kg wet		20.0		95	70-130	6	25
Styrene	19.9		µg/kg wet		20.0		99	70-130	5	25
1,1,1,2-Tetrachloroethane	16.3		µg/kg wet		20.0		81	70-130	6	25
1,1,2,2-Tetrachloroethane	18.7		µg/kg wet		20.0		93	70-130	2	25
Tetrachloroethene	22.0		µg/kg wet		20.0		110	70-130	5	25
Toluene	19.0		µg/kg wet		20.0		95	70-130	3	25
1,2,3-Trichlorobenzene	19.1		µg/kg wet		20.0		96	70-130	8	25
1,2,4-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130	5	25
1,3,5-Trichlorobenzene	18.9		µg/kg wet		20.0		95	70-130	5	25
1,1,1-Trichloroethane	17.3		µg/kg wet		20.0		86	70-130	5	25
1,1,2-Trichloroethane	19.2		µg/kg wet		20.0		96	70-130	2	25
Trichloroethene	20.0		µg/kg wet		20.0		100	70-130	0.2	25
Trichlorofluoromethane (Freon 11)	19.8		µg/kg wet		20.0		99	68.2-130	9	50
1,2,3-Trichloropropane	22.8		µg/kg wet		20.0		114	70-130	0.04	25
1,2,4-Trimethylbenzene	19.9		µg/kg wet		20.0		100	70-130	8	25
1,3,5-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130	6	25
Vinyl chloride	18.2		µg/kg wet		20.0		91	70-130	11	25
m,p-Xylene	39.0		µg/kg wet		40.0		98	70-130	6	25
o-Xylene	20.4		µg/kg wet		20.0		102	70-130	4	25
Tetrahydrofuran	18.6		µg/kg wet		20.0		93	70-130	0.6	25
Ethyl ether	20.4		µg/kg wet		20.0		102	70-130	1	50
Tert-amyl methyl ether	23.3		µg/kg wet		20.0		116	70-130	2	25
Ethyl tert-butyl ether	14.2		µg/kg wet		20.0		71	70-130	0.07	25
Di-isopropyl ether	15.8		µg/kg wet		20.0		79	70-130	1	25
Tert-Butanol / butyl alcohol	194		µg/kg wet		200		97	70-130	3	25
1,4-Dioxane	193		µg/kg wet		200		96	48.7-130	7	25
trans-1,4-Dichloro-2-butene	15.7		µg/kg wet		20.0		78	70-130	0.6	25
Ethanol	364		µg/kg wet		400		91	70-130	6	30
Surrogate: 4-Bromofluorobenzene	*30.4*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*32.0*		µg/kg wet		*30.0*		*107*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.5*		µg/kg wet		*30.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*31.4*		µg/kg wet		*30.0*		*105*	*70-130*		

Matrix Spike (9011813-MS1) **Source: SA90275-01**

Prepared & Analyzed: 28-Jan-09

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011813 - SW846 5030 Soil (high level)										
Matrix Spike (9011813-MS1)	**Source: SA90275-01**									
Prepared & Analyzed: 28-Jan-09										
Benzene	16.9		µg/kg dry		20.0	BRL	85	70-130		
Chlorobenzene	20.5		µg/kg dry		20.0	BRL	103	70-130		
1,1-Dichloroethene	17.9		µg/kg dry		20.0	BRL	89	70-130		
Toluene	17.4		µg/kg dry		20.0	BRL	87	70-130		
Trichloroethene	18.0		µg/kg dry		20.0	BRL	90	70-130		
Surrogate: 4-Bromofluorobenzene	*30.7*		µg/kg dry		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*31.2*		µg/kg dry		*30.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.9*		µg/kg dry		*30.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*29.3*		µg/kg dry		*30.0*		*98*	*70-130*		
Matrix Spike Dup (9011813-MSD1)	**Source: SA90275-01**									
Prepared & Analyzed: 28-Jan-09										
Benzene	19.0		µg/kg dry		20.0	BRL	95	70-130	11	30
Chlorobenzene	24.6		µg/kg dry		20.0	BRL	123	70-130	18	30
1,1-Dichloroethene	20.4		µg/kg dry		20.0	BRL	102	70-130	13	30
Toluene	20.1		µg/kg dry		20.0	BRL	101	70-130	14	30
Trichloroethene	21.6		µg/kg dry		20.0	BRL	108	70-130	18	30
Surrogate: 4-Bromofluorobenzene	*31.2*		µg/kg dry		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*31.6*		µg/kg dry		*30.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.6*		µg/kg dry		*30.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*30.6*		µg/kg dry		*30.0*		*102*	*70-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011799 - SW846 3550B										
Blank (9011799-BLK1)										
Prepared & Analyzed: 28-Jan-09										
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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011799 - SW846 3550B										
Blank (9011799-BLK1)										
Prepared & Analyzed: 28-Jan-09										
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	*2400*		µg/kg wet		*3330*		*72*	*30-130*		
Surrogate: 2-Fluorophenol	*2270*		µg/kg wet		*3330*		*68*	*15-110*		
Surrogate: Nitrobenzene-d5	*2400*		µg/kg wet		*3330*		*72*	*30-130*		
Surrogate: Phenol-d5	*2150*		µg/kg wet		*3330*		*64*	*15-110*		
Surrogate: Terphenyl-d14	*1950*		µg/kg wet		*3330*		*58*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2120*		µg/kg wet		*3330*		*64*	*15-110*		
LCS (9011799-BS1)										
Prepared & Analyzed: 28-Jan-09										
Acenaphthene	2530		µg/kg wet	330	3330		76	40-130		
Acenaphthylene	2530		µg/kg wet	330	3330		76	40-130		
Aniline	1060	QC2	µg/kg wet	330	3330		32	40-130		
Anthracene	2710		µg/kg wet	330	3330		81	40-130		
Atrazine	3350		µg/kg wet	330	3330		100	40-130		
Azobenzene/Diphenyldiazine	3060		µg/kg wet	330	3330		92	40-130		
Benzidine	BRL		µg/kg wet	330	3330			0-130		
Benzo (a) anthracene	2220		µg/kg wet	330	3330		66	40-130		
Benzo (a) pyrene	2570		µg/kg wet	330	3330		77	40-130		
Benzo (b) fluoranthene	2650		µg/kg wet	330	3330		80	40-130		
Benzo (g,h,i) perylene	1960		µg/kg wet	330	3330		59	40-130		
Benzo (k) fluoranthene	2960		µg/kg wet	330	3330		89	40-130		
Benzoic acid	2770		µg/kg wet	330	3330		83	19.5-130		
Benzyl alcohol	2610		µg/kg wet	330	3330		78	40-130		
Bis(2-chloroethoxy)methane	2920		µg/kg wet	330	3330		88	40-130		
Bis(2-chloroethyl)ether	3160		µg/kg wet	330	3330		95	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 9011799 - SW846 3550B										
LCS (9011799-BS1)										
Prepared & Analyzed: 28-Jan-09										
Bis(2-chloroisopropyl)ether	2860		µg/kg wet	330	3330		86	40-130		
Bis(2-ethylhexyl)phthalate	2810		µg/kg wet	330	3330		84	40-130		
4-Bromophenyl phenyl ether	2840		µg/kg wet	330	3330		85	40-130		
Butyl benzyl phthalate	2700		µg/kg wet	330	3330		81	40-130		
Carbazole	4340		µg/kg wet	330	3330		130	40-130		
4-Chloro-3-methylphenol	2830		µg/kg wet	330	3330		85	40-130		
4-Chloroaniline	1920		µg/kg wet	330	3330		58	40-130		
2-Chloronaphthalene	2340		µg/kg wet	330	3330		70	40-130		
2-Chlorophenol	2460		µg/kg wet	330	3330		74	40-130		
4-Chlorophenyl phenyl ether	2790		µg/kg wet	330	3330		84	40-130		
Chrysene	2220		µg/kg wet	330	3330		67	40-130		
Dibenzo (a,h) anthracene	2100		µg/kg wet	330	3330		63	40-130		
Dibenzofuran	2510		µg/kg wet	330	3330		75	40-130		
1,2-Dichlorobenzene	2390		µg/kg wet	330	3330		72	40-130		
1,3-Dichlorobenzene	2010		µg/kg wet	330	3330		60	40-130		
1,4-Dichlorobenzene	2530		µg/kg wet	330	3330		76	40-130		
3,3'-Dichlorobenzidine	2590		µg/kg wet	330	3330		78	40-130		
2,4-Dichlorophenol	2510		µg/kg wet	330	3330		75	40-130		
Diethyl phthalate	2780		µg/kg wet	330	3330		83	40-130		
Dimethyl phthalate	2750		µg/kg wet	330	3330		83	40-130		
2,4-Dimethylphenol	2490		µg/kg wet	330	3330		75	40-130		
Di-n-butyl phthalate	3090		µg/kg wet	330	3330		93	40-130		
4,6-Dinitro-2-methylphenol	859	QC2	µg/kg wet	330	3330		26	40-130		
2,4-Dinitrophenol	896	QC2	µg/kg wet	330	3330		27	40-130		
2,4-Dinitrotoluene	2440		µg/kg wet	330	3330		73	40-130		
2,6-Dinitrotoluene	2510		µg/kg wet	330	3330		75	40-130		
Di-n-octyl phthalate	4220		µg/kg wet	330	3330		126	40-130		
Fluoranthene	2680		µg/kg wet	330	3330		80	40-130		
Fluorene	2640		µg/kg wet	330	3330		79	40-130		
Hexachlorobenzene	2490		µg/kg wet	330	3330		75	40-130		
Hexachlorobutadiene	2410		µg/kg wet	330	3330		72	40-130		
Hexachlorocyclopentadiene	795	QC2	µg/kg wet	330	3330		24	40-130		
Hexachloroethane	2300		µg/kg wet	330	3330		69	40-130		
Indeno (1,2,3-cd) pyrene	1870		µg/kg wet	330	3330		56	40-130		
1-Methylnaphthalene	2670		µg/kg wet	330	3330		80	40-140		
Isophorone	2700		µg/kg wet	330	3330		81	40-130		
2-Methylnaphthalene	2710		µg/kg wet	330	3330		81	40-130		
2-Methylphenol	2550		µg/kg wet	330	3330		76	40-130		
3 & 4-Methylphenol	3000		µg/kg wet	330	3330		90	40-130		
Naphthalene	2580		µg/kg wet	330	3330		77	40-130		
2-Nitroaniline	2570		µg/kg wet	330	3330		77	40-130		
3-Nitroaniline	2600		µg/kg wet	330	3330		78	40-130		
4-Nitroaniline	2980		µg/kg wet	1320	3330		89	40-130		
Nitrobenzene	2520		µg/kg wet	330	3330		76	40-130		
2-Nitrophenol	2430		µg/kg wet	330	3330		73	40-130		
4-Nitrophenol	2750		µg/kg wet	1320	3330		82	40-130		
N-Nitrosodimethylamine	3010		µg/kg wet	330	3330		90	40-130		
N-Nitrosodi-n-propylamine	2990		µg/kg wet	330	3330		90	40-130		
N-Nitrosodiphenylamine	3190		µg/kg wet	330	3330		96	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 9011799 - SW846 3550B										
LCS (9011799-BS1)										
Prepared & Analyzed: 28-Jan-09										
Pentachlorophenol	2390		µg/kg wet	330	3330		72	40-130		
Phenanthrene	2700		µg/kg wet	330	3330		81	40-130		
Phenol	2540		µg/kg wet	330	3330		76	40-130		
Pyrene	2370		µg/kg wet	330	3330		71	40-130		
Pyridine	419		µg/kg wet	330	3330		13	0-130		
1,2,4-Trichlorobenzene	2260		µg/kg wet	330	3330		68	40-130		
2,4,5-Trichlorophenol	2530		µg/kg wet	330	3330		76	40-130		
2,4,6-Trichlorophenol	2260		µg/kg wet	330	3330		68	40-130		
Pentachloronitrobenzene	3270		µg/kg wet	330	3330		98	40-140		
1,2,4,5-Tetrachlorobenzene	2130		µg/kg wet	330	3330		64	40-140		
Surrogate: 2-Fluorobiphenyl	*2420*		µg/kg wet		*3330*		*73*	*30-130*		
Surrogate: 2-Fluorophenol	*2140*		µg/kg wet		*3330*		*64*	*15-110*		
Surrogate: Nitrobenzene-d5	*2740*		µg/kg wet		*3330*		*82*	*30-130*		
Surrogate: Phenol-d5	*2060*		µg/kg wet		*3330*		*62*	*15-110*		
Surrogate: Terphenyl-d14	*2110*		µg/kg wet		*3330*		*63*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2710*		µg/kg wet		*3330*		*81*	*15-110*		
Duplicate (9011799-DUP1)	**Source: SA90232-05**									
Prepared & Analyzed: 28-Jan-09										
Acenaphthene	BRL		µg/kg dry	373		BRL				50
Acenaphthylene	BRL		µg/kg dry	373		BRL				50
Aniline	BRL		µg/kg dry	373		BRL				50
Anthracene	BRL		µg/kg dry	373		BRL				50
Atrazine	BRL		µg/kg dry	373		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	373		BRL				50
Benzidine	BRL		µg/kg dry	373		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	373		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	373		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	373		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	373		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	373		BRL				50
Benzoic acid	BRL		µg/kg dry	373		BRL				50
Benzyl alcohol	BRL		µg/kg dry	373		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	373		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	373		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	373		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	373		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	373		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	373		BRL				50
Carbazole	BRL		µg/kg dry	373		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	373		BRL				50
4-Chloroaniline	BRL		µg/kg dry	373		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	373		BRL				50
2-Chlorophenol	BRL		µg/kg dry	373		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	373		BRL				50
Chrysene	BRL		µg/kg dry	373		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	373		BRL				50
Dibenzofuran	BRL		µg/kg dry	373		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	373		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	373		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	373		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011799 - SW846 3550B										
Duplicate (9011799-DUP1)	**Source: SA90232-05**									
Prepared & Analyzed: 28-Jan-09										
3,3'-Dichlorobenzidine	BRL		µg/kg dry	373		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	373		BRL				50
Diethyl phthalate	BRL		µg/kg dry	373		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	373		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	373		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	373		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	373		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	373		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	373		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	373		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	373		BRL				50
Fluoranthene	BRL		µg/kg dry	373		BRL				50
Fluorene	BRL		µg/kg dry	373		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	373		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	373		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	373		BRL				50
Hexachloroethane	BRL		µg/kg dry	373		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	373		BRL				50
Isophorone	BRL		µg/kg dry	373		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	373		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	373		BRL				50
2-Methylphenol	BRL		µg/kg dry	373		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	373		BRL				50
Naphthalene	BRL		µg/kg dry	373		BRL				50
2-Nitroaniline	BRL		µg/kg dry	373		BRL				50
3-Nitroaniline	BRL		µg/kg dry	373		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1490		BRL				50
Nitrobenzene	BRL		µg/kg dry	373		BRL				50
2-Nitrophenol	BRL		µg/kg dry	373		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1490		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	373		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	373		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	373		BRL				50
Pentachlorophenol	BRL		µg/kg dry	373		BRL				50
Phenanthrene	BRL		µg/kg dry	373		BRL				50
Phenol	BRL		µg/kg dry	373		BRL				50
Pyrene	BRL		µg/kg dry	373		BRL				50
Pyridine	BRL		µg/kg dry	373		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	373		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	373		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	373		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	373		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	373		BRL				50
Surrogate: 2-Fluorobiphenyl	*1420*		*µg/kg dry*		*1890*		*75*	*30-130*		
Surrogate: 2-Fluorophenol	*1310*		*µg/kg dry*		*1890*		*69*	*15-110*		
Surrogate: Nitrobenzene-d5	*1360*		*µg/kg dry*		*1890*		*72*	*30-130*		
Surrogate: Phenol-d5	*1160*		*µg/kg dry*		*1890*		*62*	*15-110*		
Surrogate: Terphenyl-d14	*1210*		*µg/kg dry*		*1890*		*64*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1240*		*µg/kg dry*		*1890*		*66*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011799 - SW846 3550B										
Matrix Spike (9011799-MS1)	**Source: SA90232-05**									
Prepared & Analyzed: 28-Jan-09										
Acenaphthene	1400		µg/kg dry	188	1900	BRL	73	40-140		
Benzo (b) fluoranthene	1440		µg/kg dry	188	1900	BRL	76	40-140		
Benzo (k) fluoranthene	1520		µg/kg dry	188	1900	BRL	80	40-140		
4-Chloro-3-methylphenol	1520		µg/kg dry	188	1900	BRL	80	30-130		
2-Chlorophenol	1290		µg/kg dry	188	1900	BRL	68	30-130		
Chrysene	1230		µg/kg dry	188	1900	BRL	65	40-140		
1,4-Dichlorobenzene	1370		µg/kg dry	188	1900	BRL	72	40-140		
Indeno (1,2,3-cd) pyrene	947		µg/kg dry	188	1900	BRL	50	40-140		
Naphthalene	1420		µg/kg dry	188	1900	BRL	75	40-140		
4-Nitrophenol	1440		µg/kg dry	752	1900	BRL	76	30-130		
N-Nitrosodi-n-propylamine	1560		µg/kg dry	188	1900	BRL	82	40-140		
Pentachlorophenol	1370		µg/kg dry	188	1900	BRL	72	30-130		
Phenol	1360		µg/kg dry	188	1900	BRL	71	30-130		
Pyrene	1290		µg/kg dry	188	1900	BRL	68	40-140		
1,2,4-Trichlorobenzene	1220		µg/kg dry	188	1900	BRL	64	40-140		
Surrogate: 2-Fluorobiphenyl	*1280*		µg/kg dry		*1900*		*67*	*30-130*		
Surrogate: 2-Fluorophenol	*1110*		µg/kg dry		*1900*		*59*	*15-110*		
Surrogate: Nitrobenzene-d5	*1430*		µg/kg dry		*1900*		*75*	*30-130*		
Surrogate: Phenol-d5	*1040*		µg/kg dry		*1900*		*55*	*15-110*		
Surrogate: Terphenyl-d14	*1090*		µg/kg dry		*1900*		*57*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1380*		µg/kg dry		*1900*		*73*	*15-110*		
Matrix Spike Dup (9011799-MSD1)	**Source: SA90232-05**									
Prepared & Analyzed: 28-Jan-09										
Acenaphthene	1310		µg/kg dry	185	1870	BRL	70	40-140	5	30
Benzo (b) fluoranthene	1380		µg/kg dry	185	1870	BRL	74	40-140	2	30
Benzo (k) fluoranthene	1510		µg/kg dry	185	1870	BRL	81	40-140	0.7	30
4-Chloro-3-methylphenol	1520		µg/kg dry	185	1870	BRL	81	30-130	2	30
2-Chlorophenol	1290		µg/kg dry	185	1870	BRL	69	30-130	1	30
Chrysene	1180		µg/kg dry	185	1870	BRL	63	40-140	3	30
1,4-Dichlorobenzene	1330		µg/kg dry	185	1870	BRL	71	40-140	1	30
Indeno (1,2,3-cd) pyrene	971		µg/kg dry	185	1870	BRL	52	40-140	4	30
Naphthalene	1380		µg/kg dry	185	1870	BRL	74	40-140	1	30
4-Nitrophenol	1440		µg/kg dry	741	1870	BRL	77	30-130	2	30
N-Nitrosodi-n-propylamine	1560		µg/kg dry	185	1870	BRL	83	40-140	2	30
Pentachlorophenol	1270		µg/kg dry	185	1870	BRL	68	30-130	6	30
Phenol	1360		µg/kg dry	185	1870	BRL	73	30-130	2	30
Pyrene	1230		µg/kg dry	185	1870	BRL	66	40-140	4	30
1,2,4-Trichlorobenzene	1190		µg/kg dry	185	1870	BRL	64	40-140	0.4	30
Surrogate: 2-Fluorobiphenyl	*1250*		µg/kg dry		*1870*		*67*	*30-130*		
Surrogate: 2-Fluorophenol	*1130*		µg/kg dry		*1870*		*60*	*15-110*		
Surrogate: Nitrobenzene-d5	*1450*		µg/kg dry		*1870*		*77*	*30-130*		
Surrogate: Phenol-d5	*1080*		µg/kg dry		*1870*		*58*	*15-110*		
Surrogate: Terphenyl-d14	*1080*		µg/kg dry		*1870*		*58*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1400*		µg/kg dry		*1870*		*75*	*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 9011747 - SW846 3550B										
Blank (9011747-BLK1)										
Prepared: 27-Jan-09 Analyzed: 29-Jan-09										
PCB 1016	BRL		µg/kg wet	20.0						
PCB 1221	BRL		µg/kg wet	20.0						
PCB 1232	BRL		µg/kg wet	20.0						
PCB 1242	BRL		µg/kg wet	20.0						
PCB 1248	BRL		µg/kg wet	20.0						
PCB 1254	BRL		µg/kg wet	20.0						
PCB 1260	BRL		µg/kg wet	20.0						
PCB 1262	BRL		µg/kg wet	20.0						
PCB 1268	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.5*		µg/kg wet		*20.0*		*102*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*10.3*		µg/kg wet		*20.0*		*52*	*30-150*		
LCS (9011747-BS1)										
Prepared: 27-Jan-09 Analyzed: 29-Jan-09										
PCB 1016	256		µg/kg wet	20.0	250		102	40-140		
PCB 1260	276		µg/kg wet	20.0	250		111	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.8*		µg/kg wet		*20.0*		*104*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*11.3*		µg/kg wet		*20.0*		*56*	*30-150*		
LCS Dup (9011747-BSD1)										
Prepared: 27-Jan-09 Analyzed: 29-Jan-09										
PCB 1016	256		µg/kg wet	20.0	250		102	40-140	0.2	30
PCB 1260	259		µg/kg wet	20.0	250		104	40-140	6	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.1*		µg/kg wet		*20.0*		*106*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*11.5*		µg/kg wet		*20.0*		*58*	*30-150*		
Duplicate (9011747-DUP1) **Source: SA90219-27**										
Prepared: 27-Jan-09 Analyzed: 29-Jan-09										
PCB 1016	BRL		µg/kg dry	19.9		BRL				40
PCB 1221	BRL		µg/kg dry	19.9		BRL				40
PCB 1232	BRL		µg/kg dry	19.9		BRL				40
PCB 1242	BRL		µg/kg dry	19.9		BRL				40
PCB 1248	BRL		µg/kg dry	19.9		BRL				40
PCB 1254	BRL		µg/kg dry	19.9		BRL				40
PCB 1260	BRL		µg/kg dry	19.9		BRL				40
PCB 1262	BRL		µg/kg dry	19.9		BRL				40
PCB 1268	10.7	J	µg/kg dry	19.9		10.7			0.5	40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.8*		µg/kg dry		*19.9*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*12.6*		µg/kg dry		*19.9*		*64*	*30-150*		
Matrix Spike (9011747-MS1) **Source: SA90219-27**										
Prepared: 27-Jan-09 Analyzed: 29-Jan-09										
PCB 1016	250		µg/kg dry	20.4	254	BRL	98	40-140		
PCB 1260	269		µg/kg dry	20.4	254	BRL	106	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.1*		µg/kg dry		*20.4*		*108*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*13.2*		µg/kg dry		*20.4*		*65*	*30-150*		
Matrix Spike Dup (9011747-MSD1) **Source: SA90219-27**										
Prepared: 27-Jan-09 Analyzed: 29-Jan-09										
PCB 1016	254		µg/kg dry	20.0	250	BRL	102	40-140	3	50
PCB 1260	285		µg/kg dry	20.0	250	BRL	114	40-140	8	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.8*		µg/kg dry		*20.0*		*109*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*12.2*		µg/kg dry		*20.0*		*61*	*30-150*		
Batch 9011807 - SW846 3550B										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011807 - SW846 3550B										
Blank (9011807-BLK1)										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
2,4,5-T	BRL		µg/kg wet	6.70						
2,4,5-T [2C]	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex)	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex) [2C]	BRL		µg/kg wet	6.70						
2,4-D	BRL		µg/kg wet	6.70						
2,4-D [2C]	BRL		µg/kg wet	6.70						
2,4-DB	BRL		µg/kg wet	6.70						
2,4-DB [2C]	BRL		µg/kg wet	6.70						
Dalapon	BRL		µg/kg wet	6.70						
Dalapon [2C]	BRL		µg/kg wet	6.70						
Dicamba	BRL		µg/kg wet	6.70						
Dicamba [2C]	BRL		µg/kg wet	6.70						
Dichlorprop	BRL		µg/kg wet	6.70						
Dichlorprop [2C]	BRL		µg/kg wet	6.70						
Dinoseb	BRL		µg/kg wet	6.70						
Dinoseb [2C]	BRL		µg/kg wet	6.70						
MCPA	BRL		µg/kg wet	670						
MCPA [2C]	BRL		µg/kg wet	670						
MCPB	BRL		µg/kg wet	670						
MCPB [2C]	BRL		µg/kg wet	670						
MCPP	BRL		µg/kg wet	670						
MCPP [2C]	BRL		µg/kg wet	670						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.7*		µg/kg wet		*13.3*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*10.3*		µg/kg wet		*13.3*		*77*	*30-150*		
LCS (9011807-BS1)										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
2,4,5-T	26.1		µg/kg wet	6.70	33.3		78	40-140		
2,4,5-T [2C]	23.1		µg/kg wet	6.70	33.3		69	40-140		
2,4,5-TP (Silvex)	27.7		µg/kg wet	6.70	33.3		83	40-140		
2,4,5-TP (Silvex) [2C]	25.9		µg/kg wet	6.70	33.3		78	40-140		
2,4-D	27.8		µg/kg wet	6.70	33.3		83	40-140		
2,4-D [2C]	26.1		µg/kg wet	6.70	33.3		78	40-140		
2,4-DB	25.5		µg/kg wet	6.70	33.3		76	40-140		
2,4-DB [2C]	22.5		µg/kg wet	6.70	33.3		67	40-140		
Dalapon	20.8		µg/kg wet	6.70	33.3		62	40-140		
Dalapon [2C]	19.7		µg/kg wet	6.70	33.3		59	40-140		
Dicamba	26.5		µg/kg wet	6.70	33.3		79	40-140		
Dicamba [2C]	24.3		µg/kg wet	6.70	33.3		73	40-140		
Dichlorprop	27.2		µg/kg wet	6.70	33.3		82	40-140		
Dichlorprop [2C]	27.3		µg/kg wet	6.70	33.3		82	40-140		
Dinoseb	28.3		µg/kg wet	6.70	33.3		85	40-140		
Dinoseb [2C]	28.0		µg/kg wet	6.70	33.3		84	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.1*		µg/kg wet		*13.3*		*76*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*9.40*		µg/kg wet		*13.3*		*71*	*30-150*		
LCS (9011807-BS2)										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
MCPA	10000		µg/kg wet	670	10000		100	40-140		
MCPA [2C]	19900	QC2	µg/kg wet	670	10000		199	40-140		
MCPB	10700		µg/kg wet	670	10000		107	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011807 - SW846 3550B										
LCS (9011807-BS2)										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
MCPB [2C]	9730		µg/kg wet	670	10000		97	40-140		
MCPP	10300		µg/kg wet	670	10000		103	40-140		
MCPP [2C]	9530		µg/kg wet	670	10000		95	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*9.40*		µg/kg wet		*13.3*		*71*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [;	*8.80*		µg/kg wet		*13.3*		*66*	*30-150*		
LCS Dup (9011807-BSD1)										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
2,4,5-T	28.8		µg/kg wet	6.70	33.3		86	40-140	10	25
2,4,5-T [2C]	25.4		µg/kg wet	6.70	33.3		76	40-140	9	25
2,4,5-TP (Silvex)	28.9		µg/kg wet	6.70	33.3		87	40-140	4	25
2,4,5-TP (Silvex) [2C]	28.4		µg/kg wet	6.70	33.3		85	40-140	9	25
2,4-D	26.1		µg/kg wet	6.70	33.3		78	40-140	6	25
2,4-D [2C]	26.9		µg/kg wet	6.70	33.3		81	40-140	3	25
2,4-DB	28.9		µg/kg wet	6.70	33.3		87	40-140	13	25
2,4-DB [2C]	26.6		µg/kg wet	6.70	33.3		80	40-140	17	25
Dalapon	20.4		µg/kg wet	6.70	33.3		61	40-140	2	25
Dalapon [2C]	21.2		µg/kg wet	6.70	33.3		64	40-140	7	25
Dicamba	28.8		µg/kg wet	6.70	33.3		86	40-140	8	25
Dicamba [2C]	26.1		µg/kg wet	6.70	33.3		78	40-140	7	25
Dichlorprop	30.4		µg/kg wet	6.70	33.3		91	40-140	11	25
Dichlorprop [2C]	29.2		µg/kg wet	6.70	33.3		88	40-140	7	25
Dinoseb	29.8		µg/kg wet	6.70	33.3		89	40-140	5	25
Dinoseb [2C]	30.4		µg/kg wet	6.70	33.3		91	40-140	8	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.3*		µg/kg wet		*13.3*		*77*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [;	*10.3*		µg/kg wet		*13.3*		*77*	*30-150*		
LCS Dup (9011807-BSD2)										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
MCPA	9400		µg/kg wet	670	10000		94	40-140	6	25
~~MCPA [2C]~~	~~19500~~	~~QC2~~	~~µg/kg wet~~	~~670~~	~~10000~~		~~195~~	~~40-140~~	~~2~~	~~25~~
MCPB	10000		µg/kg wet	670	10000		100	40-140	6	25
MCPB [2C]	9200		µg/kg wet	670	10000		92	40-140	6	25
MCPP	9200		µg/kg wet	670	10000		92	40-140	11	25
MCPP [2C]	9470		µg/kg wet	670	10000		95	40-140	0.7	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*8.73*		µg/kg wet		*13.3*		*66*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [;	*8.80*		µg/kg wet		*13.3*		*66*	*30-150*		
Duplicate (9011807-DUP1) **Source: SA90232-08**										
Prepared: 28-Jan-09 Analyzed: 30-Jan-09										
2,4,5-T	BRL		µg/kg dry	6.70		BRL				30
2,4,5-T [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex) [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-D	BRL		µg/kg dry	6.70		BRL				30
2,4-D [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-DB	BRL		µg/kg dry	6.70		BRL				30
2,4-DB [2C]	BRL		µg/kg dry	6.70		BRL				30
Dalapon	BRL		µg/kg dry	6.70		BRL				30
Dalapon [2C]	BRL		µg/kg dry	6.70		BRL				30
Dicamba	BRL		µg/kg dry	6.70		BRL				30
Dicamba [2C]	BRL		µg/kg dry	6.70		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011807 - SW846 3550B										
Duplicate (9011807-DUP1) **Source: SA90232-04**										
Prepared: 28-Jan-09 Analyzed: 30-Jan-09										
Dichlorprop	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop [2C]	BRL		µg/kg dry	6.70		BRL				30
Dinoseb	BRL		µg/kg dry	6.70		BRL				30
Dinoseb [2C]	BRL		µg/kg dry	6.70		BRL				30
MCPA	BRL		µg/kg dry	670		BRL				30
MCPA [2C]	BRL		µg/kg dry	670		BRL				30
MCPB	BRL		µg/kg dry	670		BRL				30
MCPB [2C]	BRL		µg/kg dry	670		BRL				30
MCPP	BRL		µg/kg dry	670		BRL				30
MCPP [2C]	BRL		µg/kg dry	670		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*6.85*		µg/kg dry		*14.6*		*47*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*6.42*		µg/kg dry		*14.6*		*44*	*30-150*		
Batch 9021337 - SW846 3535										
Blank (9021337-BLK1)										
Prepared: 19-Feb-09 Analyzed: 20-Feb-09										
Aroclor-1016	BRL		µg/l	0.0200						
Aroclor-1016 [2C]	BRL		µg/l	0.0200						
Aroclor-1221	BRL		µg/l	0.0200						
Aroclor-1221 [2C]	BRL		µg/l	0.0200						
Aroclor-1232	BRL		µg/l	0.0200						
Aroclor-1232 [2C]	BRL		µg/l	0.0200						
Aroclor-1242	BRL		µg/l	0.0200						
Aroclor-1242 [2C]	BRL		µg/l	0.0200						
Aroclor-1248	BRL		µg/l	0.0200						
Aroclor-1248 [2C]	BRL		µg/l	0.0200						
Aroclor-1254	BRL		µg/l	0.0200						
Aroclor-1254 [2C]	BRL		µg/l	0.0200						
Aroclor-1260	BRL		µg/l	0.0200						
Aroclor-1260 [2C]	BRL		µg/l	0.0200						
Aroclor-1262	BRL		µg/l	0.0200						
Aroclor-1262 [2C]	BRL		µg/l	0.0200						
Aroclor-1268	BRL		µg/l	0.0200						
Aroclor-1268 [2C]	BRL		µg/l	0.0200						
Surrogate: Decachlorobiphenyl (Sr)	*0.0101*		µg/l		*0.0200*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.0134*		µg/l		*0.0200*		*67*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0164*		µg/l		*0.0200*		*82*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*0.0185*		µg/l		*0.0200*		*92*	*30-150*		
LCS (9021337-BS1)										
Prepared: 19-Feb-09 Analyzed: 20-Feb-09										
Aroclor-1016	0.208		µg/l	0.0200	0.250		83	50-140		
Aroclor-1016 [2C]	0.202		µg/l	0.0200	0.250		81	50-140		
Aroclor-1260	0.191		µg/l	0.0200	0.250		76	50-140		
Aroclor-1260 [2C]	0.198		µg/l	0.0200	0.250		79	50-140		
Surrogate: Decachlorobiphenyl (Sr)	*0.00850*		µg/l		*0.0200*		*42*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.0113*		µg/l		*0.0200*		*56*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0135*		µg/l		*0.0200*		*68*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*0.0149*		µg/l		*0.0200*		*74*	*30-150*		
LCS Dup (9021337-BSD1)										
Prepared: 19-Feb-09 Analyzed: 20-Feb-09										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021337 - SW846 3535										
LCS Dup (9021337-BSD1)										
Prepared: 19-Feb-09 Analyzed: 20-Feb-09										
Aroclor-1016	0.207		µg/l	0.0200	0.250		83	50-140	0.6	30
Aroclor-1016 [2C]	0.196		µg/l	0.0200	0.250		78	50-140	3	30
Aroclor-1260	0.187		µg/l	0.0200	0.250		75	50-140	2	30
Aroclor-1260 [2C]	0.196		µg/l	0.0200	0.250		78	50-140	1	30
Surrogate: Decachlorobiphenyl (Sr)	*0.00850*		µg/l		*0.0200*		*42*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.0110*		µg/l		*0.0200*		*55*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0137*		µg/l		*0.0200*		*68*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*0.0148*		µg/l		*0.0200*		*74*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011797 - SW846 3550B										
Blank (9011797-BLK1)										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
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	*3.40*		mg/kg wet		*3.33*		*102*	*50-150*		
LCS (9011797-BS1)										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
C9-C36 Aliphatic Hydrocarbons	71.5		mg/kg wet	13.3	93.3		77	60-120		
Surrogate: 1-Chlorooctadecane	*2.58*		mg/kg wet		*3.33*		*77*	*50-150*		
Duplicate (9011797-DUP1) **Source: SA90048-04**										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
Gasoline	BRL		mg/kg dry	29.0		BRL				50
Fuel Oil #2	BRL		mg/kg dry	29.0		BRL				50
Fuel Oil #4	BRL		mg/kg dry	29.0		BRL				50
Fuel Oil #6	BRL		mg/kg dry	29.0		BRL				50
Motor Oil	BRL		mg/kg dry	29.0		BRL				50
Aviation Fuel	BRL		mg/kg dry	29.0		BRL				50
Unidentified	BRL		mg/kg dry	29.0		BRL				50
Other Oil	BRL		mg/kg dry	29.0		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	29.0		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	29.0		BRL				50
Surrogate: 1-Chlorooctadecane	*3.47*		mg/kg dry		*3.64*		*95*	*50-150*		
Duplicate (9011797-DUP2) **Source: SA90275-01**										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
Gasoline	BRL		mg/kg dry	40.7		BRL				50
Fuel Oil #2	BRL		mg/kg dry	40.7		BRL				50
Fuel Oil #4	BRL		mg/kg dry	40.7		BRL				50
Fuel Oil #6	BRL		mg/kg dry	40.7		BRL				50
Motor Oil	BRL		mg/kg dry	40.7		BRL				50
Aviation Fuel	BRL		mg/kg dry	40.7		BRL				50
Unidentified	148	QM4	mg/kg dry	40.7		266			57	50
Other Oil	Calculated as		mg/kg dry	40.7		BRL				50
Total Petroleum Hydrocarbons	148	QM4	mg/kg dry	40.7		266			57	50
C9-C36 Aliphatic Hydrocarbons	148	QM4	mg/kg dry	40.7		266			57	50
Surrogate: 1-Chlorooctadecane	*4.75*		mg/kg dry		*5.10*		*93*	*50-150*		
Matrix Spike (9011797-MS1) **Source: SA90048-04**										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
C9-C36 Aliphatic Hydrocarbons	82.1		mg/kg dry	14.6	102	BRL	80	50-150		
Surrogate: 1-Chlorooctadecane	*3.01*		mg/kg dry		*3.65*		*82*	*50-150*		
Matrix Spike Dup (9011797-MSD1) **Source: SA90048-04**										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
C9-C36 Aliphatic Hydrocarbons	76.4		mg/kg dry	14.2	99.4	BRL	77	50-150	4	30

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011797 - SW846 3550B										
Matrix Spike Dup (9011797-MSD1) **Source: SA90048-04**										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
Surrogate: 1-Chlorooctadecane	*2.71*		mg/kg dry		*3.55*		*76*	*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 9011604 - SW846 3050B										
Blank (9011604-BLK1)										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Lead	BRL		mg/kg wet	1.41						
Selenium	BRL		mg/kg wet	1.41						
Cadmium	BRL		mg/kg wet	0.471						
Chromium	BRL		mg/kg wet	0.942						
Arsenic	BRL		mg/kg wet	1.41						
Silver	BRL		mg/kg wet	1.41						
Barium	BRL		mg/kg wet	0.942						
Duplicate (9011604-DUP1) Source: SA90212-01										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Selenium	0.803	J	mg/kg dry	1.56		0.741			8	20
Lead	8.16	QR6	mg/kg dry	1.56		6.32			25	20
Chromium	9.56		mg/kg dry	1.04		7.90			19	20
Cadmium	0.547	QR6	mg/kg dry	0.521		0.391			33	20
Silver	BRL		mg/kg dry	1.56		BRL				20
Arsenic	1.91	QR6	mg/kg dry	1.56		1.01			62	20
Barium	43.7	QR6	mg/kg dry	1.04		33.9			25	20
Matrix Spike (9011604-MS1) Source: SA90219-22										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Selenium	121		mg/kg dry	1.48	123	0.706	97	75-125		
Lead	131		mg/kg dry	1.48	123	4.85	102	75-125		
Cadmium	125		mg/kg dry	0.493	123	0.183	101	75-125		
Chromium	131		mg/kg dry	0.986	123	4.36	102	75-125		
Arsenic	118		mg/kg dry	1.48	123	1.16	95	75-125		
Silver	122		mg/kg dry	1.48	123	BRL	99	75-125		
Barium	148		mg/kg dry	0.986	123	17.5	106	75-125		
Matrix Spike Dup (9011604-MSD1) Source: SA90219-22										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Selenium	121		mg/kg dry	1.50	125	0.706	96	75-125	0.3	20
Lead	132		mg/kg dry	1.50	125	4.85	102	75-125	1	20
Cadmium	126		mg/kg dry	0.500	125	0.183	100	75-125	0.3	20
Silver	123		mg/kg dry	1.50	125	BRL	99	75-125	0.7	20
Chromium	131		mg/kg dry	1.00	125	4.36	102	75-125	0.7	20
Arsenic	119		mg/kg dry	1.50	125	1.16	94	75-125	0.9	20
Barium	154		mg/kg dry	1.00	125	17.5	109	75-125	4	20
Post Spike (9011604-PS1) Source: SA90219-22										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Selenium	119		mg/kg dry	1.44	120	0.706	99	80-120		
Lead	127		mg/kg dry	1.44	120	4.85	102	80-120		
Arsenic	116		mg/kg dry	1.44	120	1.16	96	80-120		
Silver	121		mg/kg dry	1.44	120	BRL	101	80-120		
Chromium	129		mg/kg dry	0.961	120	4.36	104	80-120		
Cadmium	123		mg/kg dry	0.480	120	0.183	103	80-120		
Reference (9011604-SRM1)										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Lead	45.5		mg/kg wet	1.50	44.0		104	78.8-120.9		
Selenium	143		mg/kg wet	1.50	146		98	76.6-123.1		
Silver	15.2		mg/kg wet	1.50	15.4		99	66.4-133.6		

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

* Reportable Detection Limit BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011604 - SW846 3050B										
Reference (9011604-SRM1)										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Chromium	122		mg/kg wet	1.00	121		101	79.7-120.3		
Cadmium	30.7		mg/kg wet	0.500	31.0		99	80.9-119.3		
Arsenic	51.6		mg/kg wet	1.50	53.2		97	77.6-123.1		
Barium	108		mg/kg wet	1.00	101		107	79.8-119.7		
Reference (9011604-SRM2)										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Lead	44.8		mg/kg wet	1.50	43.9		102	78.8-120.9		
Selenium	146		mg/kg wet	1.50	146		100	76.6-123.1		
Chromium	124		mg/kg wet	1.00	121		102	79.7-120.3		
Silver	15.5		mg/kg wet	1.50	15.4		101	66.4-133.6		
Cadmium	30.8		mg/kg wet	0.500	31.0		99	80.9-119.3		
Arsenic	52.0		mg/kg wet	1.50	53.1		98	77.6-123.1		
Barium	107		mg/kg wet	1.00	101		106	79.8-119.7		
Batch 9011605 - EPA200/SW7000 Series										
Blank (9011605-BLK1)										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Mercury	BRL		mg/kg wet	0.0289						
Duplicate (9011605-DUP1) **Source: SA90212-01**										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Mercury	0.0215	J	mg/kg dry	0.0286		0.0192			11	20
Matrix Spike (9011605-MS1) **Source: SA90219-22**										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Mercury	0.489		mg/kg dry	0.0300	0.416	BRL	117	75-125		
Matrix Spike Dup (9011605-MSD1) **Source: SA90219-22**										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Mercury	0.470		mg/kg dry	0.0297	0.413	BRL	114	75-125	4	20
Reference (9011605-SRM1)										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Mercury	2.44		mg/kg wet	0.0300	2.19		111	71.7-128.8		

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 9020466 - SW846 3010A										
Blank (9020466-BLK1)										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	BRL		mg/l	0.0150						
LCS (9020466-BS1)										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	2.24		mg/l	0.0150	2.50		90	85-115		
LCS Dup (9020466-BSD1)										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	2.21		mg/l	0.0150	2.50		88	85-115	1	20
Duplicate (9020466-DUP1) Source: SA00007-03										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	0.0183		mg/l	0.0150		0.0192			5	20
Matrix Spike (9020466-MS1) Source: SA00053-01										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	2.19		mg/l	0.0150	2.50	0.0179	87	75-125		
Matrix Spike Dup (9020466-MSD1) Source: SA00053-01										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	2.21		mg/l	0.0150	2.50	0.0179	88	75-125	1	20
Post Spike (9020466-PS1) Source: SA00053-01										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	2.19		mg/l	0.0150	2.50	0.0179	87	75-125		

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 9020464 - SW846 3010A										
Blank (9020464-BLK1)										
Prepared: 06-Feb-09 Analyzed: 09-Feb-09										
Lead	BRL		mg/l	0.0150						
Arsenic	BRL		mg/l	0.0080						
Chromium	BRL		mg/l	0.0100						
Barium	BRL		mg/l	0.0100						
LCS (9020464-BS1)										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	2.45		mg/l	0.0150	2.50		98	85-115		
Chromium	2.49		mg/l	0.0100	2.50		100	85-115		
Arsenic	2.44		mg/l	0.0080	2.50		98	85-115		
Barium	2.47		mg/l	0.0100	2.50		99	85-115		
LCS Dup (9020464-BSD1)										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	2.45		mg/l	0.0150	2.50		98	85-115	0.1	20
Chromium	2.48		mg/l	0.0100	2.50		99	85-115	0.1	20
Arsenic	2.44		mg/l	0.0080	2.50		98	85-115	0.2	20
Barium	2.47		mg/l	0.0100	2.50		99	85-115	0	20
Duplicate (9020464-DUP1) **Source: SA90179-01**										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	BRL		mg/l	0.0150		BRL				20
Arsenic	BRL		mg/l	0.0080		BRL				20
Chromium	BRL		mg/l	0.0100		BRL				20
Barium	0.0351		mg/l	0.0100		0.0298			16	20
Matrix Spike (9020464-MS1) **Source: SA90067-02**										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	2.45		mg/l	0.0150	2.50	BRL	98	75-125		
Chromium	2.49		mg/l	0.0100	2.50	BRL	99	75-125		
Arsenic	2.47		mg/l	0.0080	2.50	BRL	99	75-125		
Barium	2.56		mg/l	0.0100	2.50	0.0723	100	75-125		
Matrix Spike Dup (9020464-MSD1) **Source: SA90067-02**										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	2.44		mg/l	0.0150	2.50	BRL	97	75-125	0.7	20
Chromium	2.47		mg/l	0.0100	2.50	BRL	99	75-125	0.5	20
Arsenic	2.44		mg/l	0.0080	2.50	BRL	98	75-125	1	20
Barium	2.54		mg/l	0.0100	2.50	0.0723	99	75-125	0.9	20
Post Spike (9020464-PS1) **Source: SA90067-02**										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	2.49		mg/l	0.0150	2.50	BRL	100	75-125		
Chromium	2.52		mg/l	0.0100	2.50	BRL	101	75-125		
Arsenic	2.48		mg/l	0.0080	2.50	BRL	99	75-125		
Barium	2.59		mg/l	0.0100	2.50	0.0723	101	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011632 - General Preparation										
Duplicate (9011632-DUP1)	**Source: SA90232-03**									
Prepared & Analyzed: 26-Jan-09										
% Solids	74.8		%			86.9			15	20
Batch 9011633 - General Preparation										
Duplicate (9011633-DUP1)	**Source: SA90232-04**									
Prepared & Analyzed: 26-Jan-09										
% Solids	89.0		%			89.5			0.5	20

Notes and Definitions

E	The concentration indicated for this analyte is an estimated value. This value is considered an estimate (CLP E-flag).
O09	This sample was analyzed outside the EPA recommended holding time per client request.
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM4	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
V11	Analyte concentration confirmed by duplicate analysis.
VC10	The VOC preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.
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 and waste automobile oil
Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
Aviation Fuel - includes kerosene, Jet A and JP-4
Other Oil - includes lubricating and cutting oil, and silicon oil

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

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

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

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

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

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

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

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

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

SA 90339 CK

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CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [X] 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 Rizzo
150 Trumbull St. 4th
Hartford, CT 06103

Project Mgr.: David Brassard

Invoice To: DAS X 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08011
Site Name: Hartford
Location: 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

QA Reporting Notes: (check if needed)
- [ ] Provide MA DEP MCP CAM Report
- [ ] Provide CT DEP RCP Report

QA/QC Reporting Level
- [X] Standard
- [ ] No QC
- [ ] Other _____

*State specific reporting standards: CT

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	Total RCRA 8 Metals
01	RSB-B44	1/22/09	900	G	SO	7	3	2			X	X	X	X	X	X
02	RSB-D3		820													
03	RSB-D13		945													
04	RSB-D14		1215													
05	RSB-D15		1030													
06	RSB-D17		1100													
07	RSB-D18		1150	G	SO	7	3	2			X	X	X	X	X	X

- [ ] Fax results when available to (____)
- [X] E-mail to patrick.depaula@tetratech.com
EDD Format _____

Condition upon receipt: [ ] Iced [ ] Ambient [X] 4°C

Relinquished by:	Received by:	Date:	Time:
Patrick de Paula	Michael Graham	1-23-09	12:25
Michael Graham	[illegible]	1/23/09	1512

Fridge

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SA 90333 CK

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CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
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- [ ] 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 Rizzo
150 Trumbull St. 4th fl.
Hartford, CT 06103

Project Mgr.: David Brassard

Invoice To: DAS XX 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08011
Site Name: Hartford
Location: 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

QA Reporting Notes: (check if needed)
- [ ] Provide MA DEP MCP CAM Report
- [ ] Provide CT DEP RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

State specific reporting standards: CT

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	SPLP Ba, Pb	VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	Total RCRA 8 Metals	TCLP Pb	SPLP As, Cr	QA Reporting Notes
01	RSB-B44	1/22/09	900	G	SO	7	3	2				X	X	X	X	X	X			added Parameter
02	RSB-D3		820															X		request 2/4
03	RSB-D13		945								X							X	X	
04	RSB-D14		1215																X	
05	RSB-D15		1030																	
06	RSB-D17		1100																X	
07	RSB-D18		1150	G	SO	7	3	2				X	X	X	X	X	X			

- [ ] Fax results when available to (____)
- [x] E-mail to patrick.depaula@tetratech.com
EDD Format _____

Condition upon receipt: [ ] Iced [ ] Ambient 4°C

Relinquished by:	Received by:	Date:	Time:
Patrick de Paula	Michael Strahan	1-23-09	12:25
Michael Strahan	N Gruwell	1/23/09	1512

Fridge

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CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [x] 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 Rizzo
150 Trumbull St. 4th fl.
Hartford, CT 06103

Project Mgr.: David Brassard

Invoice To: DAS XX 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08011
Site Name: Hartford
Location: 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

QA Reporting Notes: (check if needed)
- [ ] Provide MA DEP MCP CAM Report
- [ ] Provide CT DEP RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

* State specific reporting standards: CT

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	~~# of Plastic~~ Containers: SPLP Ba, Pb	SPLP Ba, Pb	VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	Total RCRA 8 Metals	TCLP Pb	SPLP As, Cr	QA Reporting Notes
A90232-01	RSB-B44	1/22/09	900	G	SO	7	3	2				X	X	X	X	X	X			added Parameters
02	RSB-D3		820															X		request 2/4
03	RSB-D13		945								X							X	X	
04	RSB-D14		1215																X	*SPLP PCB added 2/17
05	RSB-D15		1030																	
06	RSB-D17		1100																X	
07	RSB-D18		1150	G	SO	7	3	2				X	X	X	X	X	X			

- [ ] Fax results when available to (____)
- [x] E-mail to patrick.depaula@tetratech.com

EDD Format _____

Condition upon receipt: [ ] Iced [ ] Ambient [x] C 4.9

Relinquished by:	Received by:	Date:	Time:
Patrick de Paula	Michael Graham	1-23-09	12:25
Michael Graham	N Brunelle	1/23/09	1512

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Report Date:
13-Feb-09 12:08

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
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Laboratory Report

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

Project: Hartford Busway - Hartford, CT
Project 127-17797-08011

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA90179-01	RSB-B45	Soil	21-Jan-09 14:00	22-Jan-09 13:06
SA90179-02	RSB-B46	Soil	21-Jan-09 13:30	22-Jan-09 13:06
SA90179-03	RSB-D1	Soil	21-Jan-09 11:55	22-Jan-09 13:06
SA90179-04	RSB-D2	Soil	21-Jan-09 11:25	22-Jan-09 13:06
SA90179-05	RSB-D4	Soil	21-Jan-09 10:15	22-Jan-09 13:06
SA90179-06	RSB-D5	Soil	21-Jan-09 09:50	22-Jan-09 13:06
SA90179-07	RSB-D6	Soil	21-Jan-09 09:15	22-Jan-09 13:06
SA90179-08	RSB-D7	Soil	21-Jan-09 14:30	22-Jan-09 13:06
SA90179-09	RSB-D8	Soil	21-Jan-09 08:30	22-Jan-09 13:06

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

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

Authorized by:

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

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 73 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supercedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report is available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

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

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

CASE NARRATIVE:

The samples were received 2.3 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.

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

SW846 6010B

Duplicates:

9011514-DUP1 *Source: SA90179-01*

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

Arsenic
Chromium
Lead

SW846 7471A

Duplicates:

9011515-DUP1 *Source: SA90179-01*

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

Mercury

SW846 8260B

Laboratory Control Samples:

9011610-BSD1

Analyte out of acceptance range.

Chloromethane

The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

2-Hexanone (MBK)
Acetone
Ethanol
Tert-Butanol / butyl alcohol
Vinyl chloride

9011612-BSD1

The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

Acetone

Samples:

SA90179-06 *RSB-D5*

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

1,2-Dichloroethane-d4

SW846 8270C

SW846 8270C

Laboratory Control Samples:

9011586-BS1

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

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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B45 SA90179-01	127-17797-08011	Soil	21-Jan-09 14:00	22-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	23-Jan-09	23-Jan-09	9011538	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.88 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.5	1	SW846 8260B	26-Jan-09	26-Jan-09	9011610	X
67-64-1	Acetone	BRL		µg/kg dry	55.3	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	55.3	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.6	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	55.3	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	55.3	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	55.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.5	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B45	127-17797-08011	Soil	21-Jan-09 14:00	22-Jan-09
SA90179-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.88 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.5	1	SW846 8260B	26-Jan-09	26-Jan-09	9011610	X
100-42-5	Styrene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	55.3	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	55.3	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	111	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	27.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2210	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*88*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*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	373	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	373	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	373	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	373	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	373	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	373	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	373	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	373	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	373	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	373	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	373	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	373	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	373	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	373	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B45 SA90179-01	127-17797-08011	Soil	21-Jan-09 14:00	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	373	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	373	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	373	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	373	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	373	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	373	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	373	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	373	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	373	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	373	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	373	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	373	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	373	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	373	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	373	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	373	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	373	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	373	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	373	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	373	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	373	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	373	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	373	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	373	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	373	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	373	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	373	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	373	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	373	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	373	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	373	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	373	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	373	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	373	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	373	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	373	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	373	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	373	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	373	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	373	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	373	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	373	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	373	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	373	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1490	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	373	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	373	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1490	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	373	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	373	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B45 SA90179-01	127-17797-08011	Soil	21-Jan-09 14:00	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	373	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	373	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	373	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	373	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	373	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	373	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	373	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	373	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	373	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	373	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	373	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*82*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*76*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*78*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*78*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*84*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*72*		*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	21.4	1	SW846 8082	26-Jan-09	27-Jan-09	9011590	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.4	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.4	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.4	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.4	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.4	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*99*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*64*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	27-Jan-09	28-Jan-09	9011686	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*66*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B45 SA90179-01	127-17797-08011	Soil	21-Jan-09 14:00	22-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.0	1	+CT ETPH	26-Jan-09	28-Jan-09	9011584	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.0	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.0	1	"	"	"	"	
	Unidentified	34.1		mg/kg dry	15.0	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	34.1		mg/kg dry	15.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	34.1		mg/kg dry	15.0	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*93*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.69	1	SW846 6010B	23-Jan-09	27-Jan-09	9011514	X
7440-38-2	Arsenic	10.1		mg/kg dry	1.69	1	"	"	"	"	X
7440-39-3	Barium	43.7		mg/kg dry	1.12	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.562	1	"	"	"	"	X
7440-47-3	Chromium	8.68		mg/kg dry	1.12	1	"	"	"	"	X
7439-97-6	Mercury	0.0587		mg/kg dry	0.0305	1	SW846 7471A	"	26-Jan-09	9011515	X
7439-92-1	Lead	10.3		mg/kg dry	1.69	1	SW846 6010B	"	27-Jan-09	9011514	X
7782-49-2	Selenium	BRL		mg/kg dry	1.69	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	05-Feb-09	05-Feb-09	9020429	
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	SW846 1312/6010B	06-Feb-09	07-Feb-09	9020464	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	"	"	"	"	
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	87.9		%		1	SM2540 G Mod.	23-Jan-09	23-Jan-09	9011547	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B46 SA90179-02	127-17797-08011	Soil	21-Jan-09 13:30	22-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	23-Jan-09	23-Jan-09	9011538	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.55 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.8	1	SW846 8260B	26-Jan-09	26-Jan-09	9011610	X
67-64-1	Acetone	BRL		µg/kg dry	57.9	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	57.9	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	57.9	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	57.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	57.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.8	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B46 SA90179-02	127-17797-08011	Soil	21-Jan-09 13:30	22-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.55 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.8	1	SW846 8260B	26-Jan-09	26-Jan-09	9011610	X
100-42-5	Styrene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	57.9	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	57.9	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	116	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2320	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*90*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*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	369	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	369	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	369	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	369	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	369	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	369	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	369	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	369	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	369	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	369	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	369	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	369	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	369	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	369	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B46 SA90179-02	127-17797-08011	Soil	21-Jan-09 13:30	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	369	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	369	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	369	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	369	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	369	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	369	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	369	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	369	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	369	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	369	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	369	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	369	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	369	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	369	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	369	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	369	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	369	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	369	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	369	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	369	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	369	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	369	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	369	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	369	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	369	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	369	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	369	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	369	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	369	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	369	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	369	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	369	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	369	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	369	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	369	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	369	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	369	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	369	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	369	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	369	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	369	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	369	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	369	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	369	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1480	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	369	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	369	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1480	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	369	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	369	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B46 SA90179-02	127-17797-08011	Soil	21-Jan-09 13:30	22-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	369	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	369	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	369	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	369	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	369	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	369	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	369	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	369	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	369	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	369	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	369	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*78*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*69*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*73*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*76*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*78*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*64*		*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	22.1	1	SW846 8082	26-Jan-09	27-Jan-09	9011590	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.1	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*59*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	27-Jan-09	28-Jan-09	9011686	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*81*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B46 SA90179-02	127-17797-08011	Soil	21-Jan-09 13:30	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.9	1	+CT ETPH	26-Jan-09	28-Jan-09	9011584	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.9	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.9	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.9	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.9	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.9	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.9	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.9	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.9	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.9	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*90*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.58	1	SW846 6010B	23-Jan-09	28-Jan-09	9011514	X
7440-38-2	Arsenic	1.59		mg/kg dry	1.58	1	"	"	"	"	X
7440-39-3	Barium	43.2		mg/kg dry	1.05	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.527	1	"	"	"	"	X
7440-47-3	Chromium	9.71		mg/kg dry	1.05	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0300	1	SW846 7471A	"	26-Jan-09	9011515	X
7439-92-1	Lead	9.01		mg/kg dry	1.58	1	SW846 6010B	"	28-Jan-09	9011514	X
7782-49-2	Selenium	1.59		mg/kg dry	1.58	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	88.1		%		1	SM2540 G Mod.	23-Jan-09	23-Jan-09	9011547	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D1	127-17797-08011	Soil	21-Jan-09 11:55	22-Jan-09
SA90179-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	23-Jan-09	23-Jan-09	9011538	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 3.94 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.5	1	SW846 8260B	26-Jan-09	26-Jan-09	9011610	X
67-64-1	Acetone	BRL		µg/kg dry	75.5	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	15.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	75.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	37.7	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	15.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	15.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	75.5	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	75.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	75.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.5	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D1	127-17797-08011	Soil	21-Jan-09 11:55	22-Jan-09
SA90179-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 3.94 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.5	1	SW846 8260B	26-Jan-09	26-Jan-09	9011610	X
100-42-5	Styrene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	15.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	75.5	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	75.5	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	151	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	37.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3020	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*90*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*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	363	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	363	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	363	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	363	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	363	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	363	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	363	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	425		µg/kg dry	363	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	374		µg/kg dry	363	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	378		µg/kg dry	363	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	363	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	492		µg/kg dry	363	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	363	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	363	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D1	127-17797-08011	Soil	21-Jan-09 11:55	22-Jan-09
SA90179-03				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	363	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	363	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	363	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	363	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	363	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	363	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	363	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	363	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	363	1	"	"	"	"	X
218-01-9	Chrysene	523		µg/kg dry	363	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	363	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	363	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	363	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	363	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	363	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	363	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	363	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	363	1	"	"	"	"	X
206-44-0	Fluoranthene	1,150		µg/kg dry	363	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	363	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	363	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	363	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	363	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	363	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	363	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	363	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	363	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	363	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	363	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	363	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	363	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	363	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1450	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1450	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	363	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	363	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D1	127-17797-08011	Soil	21-Jan-09 11:55	22-Jan-09
SA90179-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	363	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
85-01-8	Phenanthrene	891		µg/kg dry	363	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	363	1	"	"	"	"	X
129-00-0	Pyrene	1,170		µg/kg dry	363	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	363	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	363	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	363	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*79*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*68*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*75*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*73*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*86*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*70*		*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	21.7	1	SW846 8082	26-Jan-09	27-Jan-09	9011590	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.7	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.7	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.7	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.7	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*98*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*64*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	27-Jan-09	28-Jan-09	9011686	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*56*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D1	127-17797-08011	Soil	21-Jan-09 11:55	22-Jan-09
SA90179-03				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.6	1	+CT ETPH	26-Jan-09	28-Jan-09	9011584	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.6	1	"	"	"	"	
	Unidentified	81.5		mg/kg dry	14.6	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	81.5		mg/kg dry	14.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	81.5		mg/kg dry	14.6	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*87*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.48	1	SW846 6010B	23-Jan-09	28-Jan-09	9011514	X
7440-38-2	Arsenic	4.08		mg/kg dry	1.48	1	"	"	"	"	X
7440-39-3	Barium	67.2		mg/kg dry	0.984	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.492	1	"	"	"	"	X
7440-47-3	Chromium	10.9		mg/kg dry	0.984	1	"	"	"	"	X
7439-97-6	Mercury	0.190		mg/kg dry	0.0297	1	SW846 7471A	"	26-Jan-09	9011515	X
7439-92-1	Lead	56.7		mg/kg dry	1.48	1	SW846 6010B	"	28-Jan-09	9011514	X
7782-49-2	Selenium	1.95		mg/kg dry	1.48	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	90.4		%		1	SM2540 G Mod.	23-Jan-09	23-Jan-09	9011547	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D2	127-17797-08011	Soil	21-Jan-09 11:25	22-Jan-09
SA90179-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	23-Jan-09	23-Jan-09	9011538	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.05 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.2	1	SW846 8260B	26-Jan-09	26-Jan-09	9011610	X
67-64-1	Acetone	BRL		µg/kg dry	52.4	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	52.4	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.5	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.5	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.2	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	52.4	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	52.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	52.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.2	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D2 SA90179-04	127-17797-08011	Soil	21-Jan-09 11:25	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.05 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.2	1	SW846 8260B	26-Jan-09	26-Jan-09	9011610	X
100-42-5	Styrene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.2	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	52.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	52.4	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	105	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	26.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2090	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*126*		*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	367	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	367	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	367	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	367	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	367	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	367	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	367	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	367	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	367	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	367	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	367	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	367	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	367	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	367	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D2	127-17797-08011	Soil	21-Jan-09 11:25	22-Jan-09
SA90179-04				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	367	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	367	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	367	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	367	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	367	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	367	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	367	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	367	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	367	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	367	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	367	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	367	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	367	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	367	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	367	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	367	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	367	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	367	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	367	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	367	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	367	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	367	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	367	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	367	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	367	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	367	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	367	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	367	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	367	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	367	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	367	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	367	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	367	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	367	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	367	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	367	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	367	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	367	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	367	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	367	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	367	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	367	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	367	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	367	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1470	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	367	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	367	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1470	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	367	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	367	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D2 SA90179-04	127-17797-08011	Soil	21-Jan-09 11:25	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	367	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	367	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	367	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	367	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	367	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	367	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	367	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	367	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	367	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	367	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	367	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*70*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*64*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*67*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*70*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*80*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*65*		*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	21.7	1	SW846 8082	26-Jan-09	27-Jan-09	9011590	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.7	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.7	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.7	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.7	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*94*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	27-Jan-09	28-Jan-09	9011686	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D2 SA90179-04	127-17797-08011	Soil	21-Jan-09 11:25	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.8	1	+CT ETPH	26-Jan-09	28-Jan-09	9011584	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.8	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.8	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.8	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.8	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.8	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.8	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.8	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.8	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.8	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*81*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.46	1	SW846 6010B	23-Jan-09	28-Jan-09	9011514	X
7440-38-2	Arsenic	7.27		mg/kg dry	1.46	1	"	"	"	"	X
7440-39-3	Barium	52.3		mg/kg dry	0.975	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.487	1	"	"	"	"	X
7440-47-3	Chromium	10.4		mg/kg dry	0.975	1	"	"	"	"	X
7439-97-6	Mercury	0.128		mg/kg dry	0.0305	1	SW846 7471A	"	26-Jan-09	9011515	X
7439-92-1	Lead	52.3		mg/kg dry	1.46	1	SW846 6010B	"	28-Jan-09	9011514	X
7782-49-2	Selenium	1.80		mg/kg dry	1.46	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	89.2		%		1	SM2540 G Mod.	23-Jan-09	23-Jan-09	9011547	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D4 SA90179-05	127-17797-08011	Soil	21-Jan-09 10:15	22-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	23-Jan-09	23-Jan-09	9011538	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.37 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.6	1	SW846 8260B	26-Jan-09	26-Jan-09	9011610	X
67-64-1	Acetone	BRL		µg/kg dry	75.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.6	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.6	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	15.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	75.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	37.8	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	15.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	15.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.6	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	75.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	75.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	75.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.6	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D4 SA90179-05	127-17797-08011	Soil	21-Jan-09 10:15	22-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.37 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.6	1	SW846 8260B	26-Jan-09	26-Jan-09	9011610	X
100-42-5	Styrene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
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	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.6	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.6	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	15.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
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	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	151	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	37.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3020	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*128*		*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	425	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	425	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	425	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	425	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	425	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	425	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	425	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	425	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	425	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	425	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	425	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	425	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	425	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	425	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D4 SA90179-05	127-17797-08011	Soil	21-Jan-09 10:15	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	425	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	425	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	425	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	425	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	425	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	425	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	425	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	425	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	425	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	425	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	425	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	425	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	425	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	425	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	425	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	425	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	425	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	425	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	425	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	425	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	425	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	425	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	425	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	425	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	425	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	425	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1700	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1700	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	425	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	425	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D4	127-17797-08011	Soil	21-Jan-09 10:15	22-Jan-09
SA90179-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	425	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	425	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	425	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	425	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	425	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*81*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*79*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*81*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*70*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*73*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*73*		*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	25.1	1	SW846 8082	26-Jan-09	27-Jan-09	9011590	X
11104-28-2	PCB 1221	BRL		µg/kg dry	25.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	25.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	25.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	25.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	25.1	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	25.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	25.1	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	25.1	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*94*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*58*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	27-Jan-09	28-Jan-09	9011686	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*67*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D4 SA90179-05	127-17797-08011	Soil	21-Jan-09 10:15	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	17.1	1	+CT ETPH	26-Jan-09	28-Jan-09	9011584	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	17.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	17.1	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	17.1	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	17.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*87*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.87	1	SW846 6010B	23-Jan-09	28-Jan-09	9011514	X
7440-38-2	Arsenic	7.48		mg/kg dry	1.87	1	"	"	"	"	X
7440-39-3	Barium	181		mg/kg dry	1.25	1	"	"	"	"	X
7440-43-9	Cadmium	0.918		mg/kg dry	0.625	1	"	"	"	"	X
7440-47-3	Chromium	33.1		mg/kg dry	1.25	1	"	"	"	"	X
7439-97-6	Mercury	0.0667		mg/kg dry	0.0371	1	SW846 7471A	"	26-Jan-09	9011515	X
7439-92-1	Lead	43.8		mg/kg dry	1.87	1	SW846 6010B	"	28-Jan-09	9011514	X
7782-49-2	Selenium	4.84		mg/kg dry	1.87	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	76.9		%		1	SM2540 G Mod.	23-Jan-09	23-Jan-09	9011547	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D5 SA90179-06	127-17797-08011	Soil	21-Jan-09 09:50	22-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	23-Jan-09	23-Jan-09	9011538	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.08 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.9	1	SW846 8260B	26-Jan-09	26-Jan-09	9011612	X
67-64-1	Acetone	BRL		µg/kg dry	49.1	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.9	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.9	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	49.1	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	24.5	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.9	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.8	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.8	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.9	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.8	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	49.1	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	49.1	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	49.1	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.9	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D5 SA90179-06	127-17797-08011	Soil	21-Jan-09 09:50	22-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.08 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.9	1	SW846 8260B	26-Jan-09	26-Jan-09	9011612	X
100-42-5	Styrene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.9	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.9	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	49.1	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	49.1	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	98.1	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	24.5	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1960	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*75*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*87*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*131*	SGC	*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*107*		*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	357	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	357	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	357	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	357	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	357	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	357	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	357	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	357	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	357	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	357	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	357	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	357	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	357	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	357	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D5 SA90179-06	127-17797-08011	Soil	21-Jan-09 09:50	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	357	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	357	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	357	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	357	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	357	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	357	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	357	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	357	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	357	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	357	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	357	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	357	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	357	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	357	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	357	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	357	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	357	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	357	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	357	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	357	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	357	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	357	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	357	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	357	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	357	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	357	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	357	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	357	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	357	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	357	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	357	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	357	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	357	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	357	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	357	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	357	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	357	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	357	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	357	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	357	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	357	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	357	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	357	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	357	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1430	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	357	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	357	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1430	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	357	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	357	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D5 SA90179-06	127-17797-08011	Soil	21-Jan-09 09:50	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	357	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	357	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	357	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	357	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	357	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	357	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	357	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	357	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	357	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	357	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	357	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*56*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*58*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*53*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*54*		*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	21.6	1	SW846 8082	26-Jan-09	27-Jan-09	9011590	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.6	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.6	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.6	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.6	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*97*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	27-Jan-09	28-Jan-09	9011686	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D5 SA90179-06	127-17797-08011	Soil	21-Jan-09 09:50	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.4	1	+CT ETPH	26-Jan-09	28-Jan-09	9011584	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.4	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.4	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.4	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.4	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.4	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.4	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.4	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.4	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.4	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*84*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.60	1	SW846 6010B	23-Jan-09	28-Jan-09	9011514	X
7440-38-2	Arsenic	5.95		mg/kg dry	1.60	1	"	"	"	"	X
7440-39-3	Barium	36.0		mg/kg dry	1.07	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.533	1	"	"	"	"	X
7440-47-3	Chromium	7.73		mg/kg dry	1.07	1	"	"	"	"	X
7439-97-6	Mercury	0.188		mg/kg dry	0.0312	1	SW846 7471A	"	26-Jan-09	9011515	X
7439-92-1	Lead	54.6		mg/kg dry	1.60	1	SW846 6010B	"	28-Jan-09	9011514	X
7782-49-2	Selenium	BRL		mg/kg dry	1.60	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	92.0		%		1	SM2540 G Mod.	23-Jan-09	23-Jan-09	9011547	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D6 SA90179-07	127-17797-08011	Soil	21-Jan-09 09:15	22-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	23-Jan-09	23-Jan-09	9011538	
Volatile Organic Compounds						Initial weight: 5.7 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.2	1	SW846 8260B	26-Jan-09	26-Jan-09	9011612	X
67-64-1	Acetone	BRL		µg/kg dry	52.1	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	52.1	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.2	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.4	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	52.1	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	52.1	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	52.1	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.2	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D6	127-17797-08011	Soil	21-Jan-09 09:15	22-Jan-09
SA90179-07				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.7 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.2	1	SW846 8260B	26-Jan-09	26-Jan-09	9011612	X
100-42-5	Styrene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.2	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	52.1	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	52.1	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	104	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	26.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2080	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*84*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*124*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*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	356	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	356	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	356	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	356	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	356	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	356	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	356	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	356	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	356	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	356	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	356	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	356	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	356	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	356	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D6 SA90179-07	127-17797-08011	Soil	21-Jan-09 09:15	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	356	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	356	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	356	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	356	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	356	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	356	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	356	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	356	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	356	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	356	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	356	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	356	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	356	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	356	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	356	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	356	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	356	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	356	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	356	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	356	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	356	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	356	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	356	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	356	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	356	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	356	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	356	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	356	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	356	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	356	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	356	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	356	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	356	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	356	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	356	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	356	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	356	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	356	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	356	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	356	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	356	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	356	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	356	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	356	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1420	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	356	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	356	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1420	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	356	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	356	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D6 SA90179-07	127-17797-08011	Soil	21-Jan-09 09:15	22-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	356	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	356	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	356	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	356	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	356	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	356	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	356	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	356	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	356	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	356	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	356	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*56*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*60*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*60*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*51*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*56*		*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	21.1	1	SW846 8082	26-Jan-09	27-Jan-09	9011590	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.1	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.1	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.1	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*64*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	27-Jan-09	28-Jan-09	9011686	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*74*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D6 SA90179-07	127-17797-08011	Soil	21-Jan-09 09:15	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.4	1	+CT ETPH	26-Jan-09	28-Jan-09	9011584	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.4	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.4	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.4	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.4	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.4	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.4	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.4	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.4	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.4	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*70*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.59	1	SW846 6010B	23-Jan-09	28-Jan-09	9011514	X
7440-38-2	Arsenic	2.43		mg/kg dry	1.59	1	"	"	"	"	X
7440-39-3	Barium	56.4		mg/kg dry	1.06	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.531	1	"	"	"	"	X
7440-47-3	Chromium	11.5		mg/kg dry	1.06	1	"	"	"	"	X
7439-97-6	Mercury	0.151		mg/kg dry	0.0306	1	SW846 7471A	"	26-Jan-09	9011515	X
7439-92-1	Lead	30.1		mg/kg dry	1.59	1	SW846 6010B	"	28-Jan-09	9011514	X
7782-49-2	Selenium	1.95		mg/kg dry	1.59	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	91.9		%		1	SM2540 G Mod.	23-Jan-09	23-Jan-09	9011547	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D7 SA90179-08	127-17797-08011	Soil	21-Jan-09 14:30	22-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	23-Jan-09	23-Jan-09	9011538	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.87 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.5	1	SW846 8260B	26-Jan-09	26-Jan-09	9011612	X
67-64-1	Acetone	BRL		µg/kg dry	65.5	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	13.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	65.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	32.7	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	13.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	65.5	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	65.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	65.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D7 SA90179-08	127-17797-08011	Soil	21-Jan-09 14:30	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.87 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.5	1	SW846 8260B	26-Jan-09	26-Jan-09	9011612	X
100-42-5	Styrene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	65.5	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	65.5	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	131	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	32.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2620	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*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	368	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	368	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	368	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	368	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	368	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	368	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	368	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	368	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	368	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	368	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	368	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	368	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	368	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	368	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D7 SA90179-08	127-17797-08011	Soil	21-Jan-09 14:30	22-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	368	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	368	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	368	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	368	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	368	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	368	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	368	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	368	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	368	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	368	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	368	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	368	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	368	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	368	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	368	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	368	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	368	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	368	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	368	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	368	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	368	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	368	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	368	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	368	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	368	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	368	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	368	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	368	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	368	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	368	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	368	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	368	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	368	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	368	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	368	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	368	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	368	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	368	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	368	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	368	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1470	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	368	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	368	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1470	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	368	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	368	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D7 SA90179-08	127-17797-08011	Soil	21-Jan-09 14:30	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	368	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	368	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	368	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	368	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	368	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	368	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	368	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	368	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	368	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*76*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*72*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*76*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*76*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*63*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*67*		*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	22.4	1	SW846 8082	26-Jan-09	27-Jan-09	9011590	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.4	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.4	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.4	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.4	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.4	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.4	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.4	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.4	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	27-Jan-09	28-Jan-09	9011686	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*69*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D7 SA90179-08	127-17797-08011	Soil	21-Jan-09 14:30	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.8	1	+CT ETPH	26-Jan-09	28-Jan-09	9011584	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.8	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.8	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.8	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.8	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.8	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	14.8	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	14.8	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.8	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.8	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*87*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.47	1	SW846 6010B	23-Jan-09	28-Jan-09	9011514	X
7440-38-2	Arsenic	2.31		mg/kg dry	1.47	1	"	"	"	"	X
7440-39-3	Barium	140		mg/kg dry	0.982	1	"	"	"	"	X
7440-43-9	Cadmium	0.668		mg/kg dry	0.491	1	"	"	"	"	X
7440-47-3	Chromium	28.2		mg/kg dry	0.982	1	"	"	"	"	X
7439-97-6	Mercury	0.0801		mg/kg dry	0.0320	1	SW846 7471A	"	26-Jan-09	9011515	X
7439-92-1	Lead	12.5		mg/kg dry	1.47	1	SW846 6010B	"	28-Jan-09	9011514	X
7782-49-2	Selenium	4.02		mg/kg dry	1.47	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	87.8		%		1	SM2540 G Mod.	23-Jan-09	23-Jan-09	9011547	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D8 SA90179-09	127-17797-08011	Soil	21-Jan-09 08:30	22-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	23-Jan-09	23-Jan-09	9011538	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.4 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.0	1	SW846 8260B	26-Jan-09	26-Jan-09	9011612	X
67-64-1	Acetone	BRL		µg/kg dry	59.9	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	59.9	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	30.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	59.9	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	59.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	59.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.0	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D8	127-17797-08011	Soil	21-Jan-09 08:30	22-Jan-09
SA90179-09				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.4 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.0	1	SW846 8260B	26-Jan-09	26-Jan-09	9011612	X
100-42-5	Styrene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	59.9	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	59.9	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	120	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	30.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2400	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*87*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*126*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*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	375	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	375	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	375	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	375	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	375	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	375	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	375	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	375	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	375	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	375	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	375	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	375	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	375	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	375	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D8 SA90179-09	127-17797-08011	Soil	21-Jan-09 08:30	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	375	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	375	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	375	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	375	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	375	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	375	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	375	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	375	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	375	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	375	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	375	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	375	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	375	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	375	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	375	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	375	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	375	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	375	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	375	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	375	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	375	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	375	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	375	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	375	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	375	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	375	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	375	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	375	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	375	1	"	"	"	"	X
206-44-0	Fluoranthene	502		µg/kg dry	375	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	375	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	375	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	375	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	375	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	375	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	375	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	375	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	375	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	375	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	375	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	375	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	375	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	375	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	375	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1500	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	375	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	375	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1500	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	375	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	375	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D8 SA90179-09	127-17797-08011	Soil	21-Jan-09 08:30	22-Jan-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	375	1	SW846 8270C	26-Jan-09	27-Jan-09	9011586	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	375	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	375	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	375	1	"	"	"	"	X
129-00-0	Pyrene	381		µg/kg dry	375	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	375	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	375	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	375	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	375	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	375	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	375	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*72*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*68*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*71*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*72*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*59*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*68*		*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	22.6	1	SW846 8082	26-Jan-09	27-Jan-09	9011590	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.6	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.6	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.6	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.6	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.6	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.6	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.6	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.6	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*97*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*73*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	27-Jan-09	28-Jan-09	9011686	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D8	127-17797-08011	Soil	21-Jan-09 08:30	22-Jan-09
SA90179-09				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.1	1	+CT ETPH	26-Jan-09	28-Jan-09	9011584	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.1	1	"	"	"	"	
	Unidentified	39.5		mg/kg dry	15.1	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	39.5		mg/kg dry	15.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	39.5		mg/kg dry	15.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*87*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.67	1	SW846 6010B	23-Jan-09	28-Jan-09	9011514	X
7440-38-2	Arsenic	16.6		mg/kg dry	1.67	1	"	"	"	"	X
7440-39-3	Barium	79.3		mg/kg dry	1.11	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.556	1	"	"	"	"	X
7440-47-3	Chromium	12.2		mg/kg dry	1.11	1	"	"	"	"	X
7439-97-6	Mercury	0.118		mg/kg dry	0.0317	1	SW846 7471A	"	26-Jan-09	9011515	X
7439-92-1	Lead	82.4		mg/kg dry	1.67	1	SW846 6010B	"	28-Jan-09	9011514	X
7782-49-2	Selenium	1.67		mg/kg dry	1.67	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	05-Feb-09	05-Feb-09	9020429	
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	SW846 1312/6010B	06-Feb-09	07-Feb-09	9020464	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	"	"	"	"	
7439-92-1	Lead	0.0174		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	87.6		%		1	SM2540 G Mod.	23-Jan-09	23-Jan-09	9011547	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011610 - SW846 5035A Soil (low level)										
Blank (9011610-BLK1)										
Prepared & Analyzed: 26-Jan-09										
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 9011610 - SW846 5035A Soil (low level)										
Blank (9011610-BLK1)										
Prepared & Analyzed: 26-Jan-09										
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						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	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						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*48.3*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*48.5*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.3*		µg/kg wet		*50.0*		*113*	*70-130*		
Surrogate: Dibromofluoromethane	*51.7*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS (9011610-BS1)										
Prepared & Analyzed: 26-Jan-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.7		µg/kg wet		20.0		103	70-130		
Acetone	14.7		µg/kg wet		20.0		74	7.9-168		
Acrylonitrile	22.0		µg/kg wet		20.0		110	70-130		
Benzene	21.3		µg/kg wet		20.0		107	70-130		
Bromobenzene	18.7		µg/kg wet		20.0		94	70-130		
Bromochloromethane	18.0		µg/kg wet		20.0		90	70-130		
Bromodichloromethane	20.5		µg/kg wet		20.0		103	70-130		
Bromoform	20.5		µg/kg wet		20.0		102	70-130		
Bromomethane	16.8		µg/kg wet		20.0		84	50-134		
2-Butanone (MEK)	17.5		µg/kg wet		20.0		88	44.6-130		
n-Butylbenzene	21.7		µg/kg wet		20.0		108	70-130		
sec-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130		
tert-Butylbenzene	19.2		µg/kg wet		20.0		96	70-130		
Carbon disulfide	21.8		µg/kg wet		20.0		109	70-130		
Carbon tetrachloride	20.4		µg/kg wet		20.0		102	70-130		
Chlorobenzene	19.7		µg/kg wet		20.0		98	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011610 - SW846 5035A Soil (low level)										
LCS (9011610-BS1)										
Prepared & Analyzed: 26-Jan-09										
Chloroethane	17.5		µg/kg wet		20.0		88	59.2-130		
Chloroform	19.0		µg/kg wet		20.0		95	70-130		
Chloromethane	17.2		µg/kg wet		20.0		86	70-130		
2-Chlorotoluene	20.7		µg/kg wet		20.0		103	70-130		
4-Chlorotoluene	19.9		µg/kg wet		20.0		100	70-130		
1,2-Dibromo-3-chloropropane	21.2		µg/kg wet		20.0		106	70-130		
Dibromochloromethane	19.4		µg/kg wet		20.0		97	63.8-130		
1,2-Dibromoethane (EDB)	19.5		µg/kg wet		20.0		97	70-130		
Dibromomethane	19.0		µg/kg wet		20.0		95	70-130		
1,2-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130		
1,3-Dichlorobenzene	18.6		µg/kg wet		20.0		93	70-130		
1,4-Dichlorobenzene	19.9		µg/kg wet		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	17.1		µg/kg wet		20.0		85	41.8-130		
1,1-Dichloroethane	20.3		µg/kg wet		20.0		102	70-130		
1,2-Dichloroethane	19.6		µg/kg wet		20.0		98	70-130		
1,1-Dichloroethene	21.1		µg/kg wet		20.0		106	70-130		
cis-1,2-Dichloroethene	19.6		µg/kg wet		20.0		98	70-130		
trans-1,2-Dichloroethene	19.8		µg/kg wet		20.0		99	70-130		
1,2-Dichloropropane	20.8		µg/kg wet		20.0		104	70-130		
1,3-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130		
2,2-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130		
1,1-Dichloropropene	20.9		µg/kg wet		20.0		104	70-130		
cis-1,3-Dichloropropene	20.2		µg/kg wet		20.0		101	70-130		
trans-1,3-Dichloropropene	22.3		µg/kg wet		20.0		112	70-130		
Ethylbenzene	20.4		µg/kg wet		20.0		102	70-130		
Hexachlorobutadiene	18.0		µg/kg wet		20.0		90	68.3-130		
2-Hexanone (MBK)	19.4		µg/kg wet		20.0		97	70-130		
Isopropylbenzene	19.6		µg/kg wet		20.0		98	70-130		
4-Isopropyltoluene	20.5		µg/kg wet		20.0		103	70-130		
Methyl tert-butyl ether	21.2		µg/kg wet		20.0		106	70-130		
4-Methyl-2-pentanone (MIBK)	17.9		µg/kg wet		20.0		89	53.1-132		
Methylene chloride	19.7		µg/kg wet		20.0		99	70-130		
Naphthalene	17.7		µg/kg wet		20.0		88	70-130		
n-Propylbenzene	19.9		µg/kg wet		20.0		99	70-130		
Styrene	20.1		µg/kg wet		20.0		101	70-130		
1,1,1,2-Tetrachloroethane	19.7		µg/kg wet		20.0		98	70-130		
1,1,2,2-Tetrachloroethane	20.6		µg/kg wet		20.0		103	70-130		
Tetrachloroethene	18.0		µg/kg wet		20.0		90	70-130		
Toluene	17.5		µg/kg wet		20.0		88	70-130		
1,2,3-Trichlorobenzene	19.2		µg/kg wet		20.0		96	70-130		
1,2,4-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,3,5-Trichlorobenzene	19.8		µg/kg wet		20.0		99	70-130		
1,1,1-Trichloroethane	20.5		µg/kg wet		20.0		102	70-130		
1,1,2-Trichloroethane	19.7		µg/kg wet		20.0		98	70-130		
Trichloroethene	20.2		µg/kg wet		20.0		101	70-130		
Trichlorofluoromethane (Freon 11)	19.6		µg/kg wet		20.0		98	68.2-130		
1,2,3-Trichloropropane	20.5		µg/kg wet		20.0		103	70-130		
1,2,4-Trimethylbenzene	19.6		µg/kg wet		20.0		98	70-130		
1,3,5-Trimethylbenzene	19.8		µg/kg wet		20.0		99	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011610 - SW846 5035A Soil (low level)										
LCS (9011610-BS1)										
Prepared & Analyzed: 26-Jan-09										
Vinyl chloride	19.7		µg/kg wet		20.0		98	70-130		
m,p-Xylene	40.4		µg/kg wet		40.0		101	70-130		
o-Xylene	20.5		µg/kg wet		20.0		103	70-130		
Tetrahydrofuran	19.2		µg/kg wet		20.0		96	70-130		
Ethyl ether	20.4		µg/kg wet		20.0		102	70-130		
Tert-amyl methyl ether	17.6		µg/kg wet		20.0		88	70-130		
Ethyl tert-butyl ether	21.3		µg/kg wet		20.0		107	70-130		
Di-isopropyl ether	21.0		µg/kg wet		20.0		105	70-130		
Tert-Butanol / butyl alcohol	219		µg/kg wet		200		110	70-130		
1,4-Dioxane	160		µg/kg wet		200		80	48.7-130		
trans-1,4-Dichloro-2-butene	22.4		µg/kg wet		20.0		112	70-130		
Ethanol	461		µg/kg wet		400		115	70-130		
Surrogate: 4-Bromofluorobenzene	*49.1*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*46.5*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*47.9*		µg/kg wet		*50.0*		*96*	*70-130*		
LCS Dup (9011610-BSD1)										
Prepared & Analyzed: 26-Jan-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.7		µg/kg wet		20.0		108	70-130	5	25
Acetone	6.8	QR2	µg/kg wet		20.0		34	7.9-168	73	50
Acrylonitrile	17.7		µg/kg wet		20.0		88	70-130	22	25
Benzene	20.7		µg/kg wet		20.0		104	70-130	3	25
Bromobenzene	16.9		µg/kg wet		20.0		84	70-130	10	25
Bromochloromethane	15.1		µg/kg wet		20.0		75	70-130	17	25
Bromodichloromethane	20.4		µg/kg wet		20.0		102	70-130	0.8	25
Bromoform	19.6		µg/kg wet		20.0		98	70-130	4	25
Bromomethane	12.5		µg/kg wet		20.0		63	50-134	29	50
2-Butanone (MEK)	14.6		µg/kg wet		20.0		73	44.6-130	19	50
n-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130	0.3	25
sec-Butylbenzene	17.1		µg/kg wet		20.0		86	70-130	16	25
tert-Butylbenzene	16.5		µg/kg wet		20.0		82	70-130	15	25
Carbon disulfide	19.9		µg/kg wet		20.0		100	70-130	9	25
Carbon tetrachloride	21.6		µg/kg wet		20.0		108	70-130	6	25
Chlorobenzene	19.8		µg/kg wet		20.0		99	70-130	0.4	25
Chloroethane	13.8		µg/kg wet		20.0		69	59.2-130	24	50
Chloroform	19.0		µg/kg wet		20.0		95	70-130	0.2	25
Chloromethane	12.4	QC1	µg/kg wet		20.0		62	70-130	32	25
2-Chlorotoluene	18.5		µg/kg wet		20.0		93	70-130	11	25
4-Chlorotoluene	17.0		µg/kg wet		20.0		85	70-130	16	25
1,2-Dibromo-3-chloropropane	20.6		µg/kg wet		20.0		103	70-130	3	25
Dibromochloromethane	17.2		µg/kg wet		20.0		86	63.8-130	12	50
1,2-Dibromoethane (EDB)	16.2		µg/kg wet		20.0		81	70-130	18	25
Dibromomethane	17.6		µg/kg wet		20.0		88	70-130	7	25
1,2-Dichlorobenzene	19.5		µg/kg wet		20.0		98	70-130	5	25
1,3-Dichlorobenzene	15.9		µg/kg wet		20.0		79	70-130	16	25
1,4-Dichlorobenzene	19.4		µg/kg wet		20.0		97	70-130	3	25
Dichlorodifluoromethane (Freon12)	13.2		µg/kg wet		20.0		66	41.8-130	25	50
1,1-Dichloroethane	19.7		µg/kg wet		20.0		99	70-130	3	25
1,2-Dichloroethane	18.1		µg/kg wet		20.0		90	70-130	8	25
1,1-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130	5	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011610 - SW846 5035A Soil (low level)										
LCS Dup (9011610-BSD1)										
Prepared & Analyzed: 26-Jan-09										
cis-1,2-Dichloroethene	19.6		µg/kg wet		20.0		98	70-130	0.4	25
trans-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130	0.9	25
1,2-Dichloropropane	19.9		µg/kg wet		20.0		99	70-130	5	25
1,3-Dichloropropane	17.4		µg/kg wet		20.0		87	70-130	11	25
2,2-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130	2	25
1,1-Dichloropropene	21.0		µg/kg wet		20.0		105	70-130	0.6	25
cis-1,3-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130	8	25
trans-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	15	25
Ethylbenzene	19.9		µg/kg wet		20.0		99	70-130	2	25
Hexachlorobutadiene	17.6		µg/kg wet		20.0		88	68.3-130	2	50
2-Hexanone (MBK)	14.3	QR2	µg/kg wet		20.0		72	70-130	30	25
Isopropylbenzene	18.2		µg/kg wet		20.0		91	70-130	7	25
4-Isopropyltoluene	20.7		µg/kg wet		20.0		103	70-130	0.7	25
Methyl tert-butyl ether	20.5		µg/kg wet		20.0		103	70-130	3	25
4-Methyl-2-pentanone (MIBK)	15.0		µg/kg wet		20.0		75	53.1-132	17	50
Methylene chloride	16.1		µg/kg wet		20.0		80	70-130	20	25
Naphthalene	15.7		µg/kg wet		20.0		78	70-130	12	25
n-Propylbenzene	17.9		µg/kg wet		20.0		89	70-130	11	25
Styrene	18.2		µg/kg wet		20.0		91	70-130	10	25
1,1,1,2-Tetrachloroethane	21.2		µg/kg wet		20.0		106	70-130	7	25
1,1,2,2-Tetrachloroethane	17.6		µg/kg wet		20.0		88	70-130	16	25
Tetrachloroethene	16.6		µg/kg wet		20.0		83	70-130	8	25
Toluene	16.4		µg/kg wet		20.0		82	70-130	7	25
1,2,3-Trichlorobenzene	16.8		µg/kg wet		20.0		84	70-130	13	25
1,2,4-Trichlorobenzene	16.4		µg/kg wet		20.0		82	70-130	14	25
1,3,5-Trichlorobenzene	18.1		µg/kg wet		20.0		90	70-130	9	25
1,1,1-Trichloroethane	20.7		µg/kg wet		20.0		104	70-130	1	25
1,1,2-Trichloroethane	17.8		µg/kg wet		20.0		89	70-130	10	25
Trichloroethene	19.7		µg/kg wet		20.0		99	70-130	2	25
Trichlorofluoromethane (Freon 11)	18.2		µg/kg wet		20.0		91	68.2-130	8	50
1,2,3-Trichloropropane	17.6		µg/kg wet		20.0		88	70-130	15	25
1,2,4-Trimethylbenzene	17.4		µg/kg wet		20.0		87	70-130	12	25
1,3,5-Trimethylbenzene	17.4		µg/kg wet		20.0		87	70-130	12	25
Vinyl chloride	15.2	QR2	µg/kg wet		20.0		76	70-130	26	25
m,p-Xylene	37.9		µg/kg wet		40.0		95	70-130	6	25
o-Xylene	19.0		µg/kg wet		20.0		95	70-130	8	25
Tetrahydrofuran	15.8		µg/kg wet		20.0		79	70-130	20	25
Ethyl ether	19.8		µg/kg wet		20.0		99	70-130	3	50
Tert-amyl methyl ether	18.6		µg/kg wet		20.0		93	70-130	5	25
Ethyl tert-butyl ether	20.8		µg/kg wet		20.0		104	70-130	3	25
Di-isopropyl ether	21.3		µg/kg wet		20.0		106	70-130	1	25
Tert-Butanol / butyl alcohol	149	QR2	µg/kg wet		200		74	70-130	38	25
1,4-Dioxane	132		µg/kg wet		200		66	48.7-130	19	25
trans-1,4-Dichloro-2-butene	18.8		µg/kg wet		20.0		94	70-130	17	25
Ethanol	303	QR2	µg/kg wet		400		76	70-130	41	30
Surrogate: 4-Bromofluorobenzene	*45.7*		µg/kg wet		*50.0*		*91*	*70-130*		
Surrogate: Toluene-d8	*44.4*		µg/kg wet		*50.0*		*89*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.0*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*47.4*		µg/kg wet		*50.0*		*95*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011612 - SW846 5035A Soil (low level)										
Blank (9011612-BLK1)										
Prepared & Analyzed: 26-Jan-09										
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						
n-Propylbenzene	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 9011612 - SW846 5035A Soil (low level)										
Blank (9011612-BLK1)										
Prepared & Analyzed: 26-Jan-09										
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						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	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						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*44.2*		µg/kg wet		*50.0*		*88*	*70-130*		
Surrogate: Toluene-d8	*45.6*		µg/kg wet		*50.0*		*91*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*59.4*		µg/kg wet		*50.0*		*119*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/kg wet		*50.0*		*100*	*70-130*		
LCS (9011612-BS1)										
Prepared & Analyzed: 26-Jan-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.4		µg/kg wet		20.0		127	70-130		
Acetone	8.2		µg/kg wet		20.0		41	7.9-168		
Acrylonitrile	17.5		µg/kg wet		20.0		88	70-130		
Benzene	22.0		µg/kg wet		20.0		110	70-130		
Bromobenzene	17.2		µg/kg wet		20.0		86	70-130		
Bromochloromethane	16.6		µg/kg wet		20.0		83	70-130		
Bromodichloromethane	20.9		µg/kg wet		20.0		104	70-130		
Bromoform	18.4		µg/kg wet		20.0		92	70-130		
Bromomethane	15.0		µg/kg wet		20.0		75	50-134		
2-Butanone (MEK)	18.0		µg/kg wet		20.0		90	44.6-130		
n-Butylbenzene	24.1		µg/kg wet		20.0		120	70-130		
sec-Butylbenzene	18.8		µg/kg wet		20.0		94	70-130		
tert-Butylbenzene	18.3		µg/kg wet		20.0		91	70-130		
Carbon disulfide	22.4		µg/kg wet		20.0		112	70-130		
Carbon tetrachloride	24.1		µg/kg wet		20.0		120	70-130		
Chlorobenzene	19.9		µg/kg wet		20.0		100	70-130		
Chloroethane	16.0		µg/kg wet		20.0		80	59.2-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011612 - SW846 5035A Soil (low level)										
LCS (9011612-BS1)										
Prepared & Analyzed: 26-Jan-09										
Chloroform	20.2		µg/kg wet		20.0		101	70-130		
Chloromethane	14.1		µg/kg wet		20.0		70	70-130		
2-Chlorotoluene	19.6		µg/kg wet		20.0		98	70-130		
4-Chlorotoluene	18.6		µg/kg wet		20.0		93	70-130		
1,2-Dibromo-3-chloropropane	20.5		µg/kg wet		20.0		103	70-130		
Dibromochloromethane	18.3		µg/kg wet		20.0		91	63.8-130		
1,2-Dibromoethane (EDB)	17.0		µg/kg wet		20.0		85	70-130		
Dibromomethane	18.6		µg/kg wet		20.0		93	70-130		
1,2-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
1,3-Dichlorobenzene	16.7		µg/kg wet		20.0		83	70-130		
1,4-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
Dichlorodifluoromethane (Freon12)	17.6		µg/kg wet		20.0		88	41.8-130		
1,1-Dichloroethane	21.1		µg/kg wet		20.0		106	70-130		
1,2-Dichloroethane	20.0		µg/kg wet		20.0		100	70-130		
1,1-Dichloroethene	24.0		µg/kg wet		20.0		120	70-130		
cis-1,2-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130		
trans-1,2-Dichloroethene	21.4		µg/kg wet		20.0		107	70-130		
1,2-Dichloropropane	21.3		µg/kg wet		20.0		107	70-130		
1,3-Dichloropropane	18.0		µg/kg wet		20.0		90	70-130		
2,2-Dichloropropane	22.5		µg/kg wet		20.0		112	70-130		
1,1-Dichloropropene	23.2		µg/kg wet		20.0		116	70-130		
cis-1,3-Dichloropropene	19.3		µg/kg wet		20.0		96	70-130		
trans-1,3-Dichloropropene	20.2		µg/kg wet		20.0		101	70-130		
Ethylbenzene	20.8		µg/kg wet		20.0		104	70-130		
Hexachlorobutadiene	19.5		µg/kg wet		20.0		97	68.3-130		
2-Hexanone (MBK)	14.4		µg/kg wet		20.0		72	70-130		
Isopropylbenzene	19.4		µg/kg wet		20.0		97	70-130		
4-Isopropyltoluene	22.5		µg/kg wet		20.0		112	70-130		
Methyl tert-butyl ether	21.7		µg/kg wet		20.0		108	70-130		
4-Methyl-2-pentanone (MIBK)	15.2		µg/kg wet		20.0		76	53.1-132		
Methylene chloride	16.6		µg/kg wet		20.0		83	70-130		
Naphthalene	16.3		µg/kg wet		20.0		82	70-130		
n-Propylbenzene	19.2		µg/kg wet		20.0		96	70-130		
Styrene	18.4		µg/kg wet		20.0		92	70-130		
1,1,1,2-Tetrachloroethane	20.8		µg/kg wet		20.0		104	70-130		
1,1,2,2-Tetrachloroethane	17.6		µg/kg wet		20.0		88	70-130		
Tetrachloroethene	19.5		µg/kg wet		20.0		98	70-130		
Toluene	17.4		µg/kg wet		20.0		87	70-130		
1,2,3-Trichlorobenzene	17.5		µg/kg wet		20.0		88	70-130		
1,2,4-Trichlorobenzene	18.1		µg/kg wet		20.0		90	70-130		
1,3,5-Trichlorobenzene	19.1		µg/kg wet		20.0		96	70-130		
1,1,1-Trichloroethane	23.4		µg/kg wet		20.0		117	70-130		
1,1,2-Trichloroethane	17.6		µg/kg wet		20.0		88	70-130		
Trichloroethene	21.7		µg/kg wet		20.0		109	70-130		
Trichlorofluoromethane (Freon 11)	22.1		µg/kg wet		20.0		111	68.2-130		
1,2,3-Trichloropropane	18.5		µg/kg wet		20.0		92	70-130		
1,2,4-Trimethylbenzene	18.3		µg/kg wet		20.0		91	70-130		
1,3,5-Trimethylbenzene	18.7		µg/kg wet		20.0		93	70-130		
Vinyl chloride	18.0		µg/kg wet		20.0		90	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011612 - SW846 5035A Soil (low level)										
LCS (9011612-BS1)										
Prepared & Analyzed: 26-Jan-09										
m,p-Xylene	39.7		µg/kg wet		40.0		99	70-130		
o-Xylene	19.2		µg/kg wet		20.0		96	70-130		
Tetrahydrofuran	16.6		µg/kg wet		20.0		83	70-130		
Ethyl ether	20.6		µg/kg wet		20.0		103	70-130		
Tert-amyl methyl ether	20.5		µg/kg wet		20.0		102	70-130		
Ethyl tert-butyl ether	21.6		µg/kg wet		20.0		108	70-130		
Di-isopropyl ether	22.0		µg/kg wet		20.0		110	70-130		
Tert-Butanol / butyl alcohol	175		µg/kg wet		200		87	70-130		
1,4-Dioxane	128		µg/kg wet		200		64	48.7-130		
trans-1,4-Dichloro-2-butene	17.8		µg/kg wet		20.0		89	70-130		
Ethanol	308		µg/kg wet		400		77	70-130		
Surrogate: 4-Bromofluorobenzene	*45.1*		µg/kg wet		*50.0*		*90*	*70-130*		
Surrogate: Toluene-d8	*45.1*		µg/kg wet		*50.0*		*90*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*48.6*		µg/kg wet		*50.0*		*97*	*70-130*		
LCS Dup (9011612-BSD1)										
Prepared & Analyzed: 26-Jan-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.0		µg/kg wet		20.0		115	70-130	10	25
Acetone	14.6	QR2	µg/kg wet		20.0		73	7.9-168	57	50
Acrylonitrile	18.8		µg/kg wet		20.0		94	70-130	7	25
Benzene	21.8		µg/kg wet		20.0		109	70-130	0.9	25
Bromobenzene	19.0		µg/kg wet		20.0		95	70-130	10	25
Bromochloromethane	18.2		µg/kg wet		20.0		91	70-130	9	25
Bromodichloromethane	20.8		µg/kg wet		20.0		104	70-130	0.5	25
Bromoform	19.8		µg/kg wet		20.0		99	70-130	7	25
Bromomethane	18.1		µg/kg wet		20.0		91	50-134	19	50
2-Butanone (MEK)	16.0		µg/kg wet		20.0		80	44.6-130	12	50
n-Butylbenzene	24.3		µg/kg wet		20.0		121	70-130	0.9	25
sec-Butylbenzene	22.1		µg/kg wet		20.0		111	70-130	16	25
tert-Butylbenzene	20.9		µg/kg wet		20.0		104	70-130	13	25
Carbon disulfide	23.2		µg/kg wet		20.0		116	70-130	4	25
Carbon tetrachloride	22.5		µg/kg wet		20.0		112	70-130	7	25
Chlorobenzene	20.4		µg/kg wet		20.0		102	70-130	2	25
Chloroethane	19.2		µg/kg wet		20.0		96	59.2-130	18	50
Chloroform	18.8		µg/kg wet		20.0		94	70-130	7	25
Chloromethane	18.1		µg/kg wet		20.0		90	70-130	25	25
2-Chlorotoluene	21.7		µg/kg wet		20.0		108	70-130	10	25
4-Chlorotoluene	20.7		µg/kg wet		20.0		103	70-130	10	25
1,2-Dibromo-3-chloropropane	21.6		µg/kg wet		20.0		108	70-130	5	25
Dibromochloromethane	18.9		µg/kg wet		20.0		94	63.8-130	3	50
1,2-Dibromoethane (EDB)	18.6		µg/kg wet		20.0		93	70-130	9	25
Dibromomethane	18.2		µg/kg wet		20.0		91	70-130	2	25
1,2-Dichlorobenzene	20.7		µg/kg wet		20.0		104	70-130	1	25
1,3-Dichlorobenzene	19.3		µg/kg wet		20.0		97	70-130	15	25
1,4-Dichlorobenzene	20.3		µg/kg wet		20.0		102	70-130	3	25
Dichlorodifluoromethane (Freon12)	21.4		µg/kg wet		20.0		107	41.8-130	20	50
1,1-Dichloroethane	20.6		µg/kg wet		20.0		103	70-130	2	25
1,2-Dichloroethane	19.3		µg/kg wet		20.0		96	70-130	4	25
1,1-Dichloroethene	24.1		µg/kg wet		20.0		120	70-130	0.4	25
cis-1,2-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130	6	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011612 - SW846 5035A Soil (low level)										
LCS Dup (9011612-BSD1)										
Prepared & Analyzed: 26-Jan-09										
trans-1,2-Dichloroethene	20.4		µg/kg wet		20.0		102	70-130	5	25
1,2-Dichloropropane	20.9		µg/kg wet		20.0		104	70-130	2	25
1,3-Dichloropropane	19.2		µg/kg wet		20.0		96	70-130	7	25
2,2-Dichloropropane	22.0		µg/kg wet		20.0		110	70-130	2	25
1,1-Dichloropropene	22.4		µg/kg wet		20.0		112	70-130	4	25
cis-1,3-Dichloropropene	20.0		µg/kg wet		20.0		100	70-130	4	25
trans-1,3-Dichloropropene	20.2		µg/kg wet		20.0		101	70-130	0.05	25
Ethylbenzene	21.4		µg/kg wet		20.0		107	70-130	3	25
Hexachlorobutadiene	20.8		µg/kg wet		20.0		104	68.3-130	7	50
2-Hexanone (MBK)	15.4		µg/kg wet		20.0		77	70-130	7	25
Isopropylbenzene	21.0		µg/kg wet		20.0		105	70-130	8	25
4-Isopropyltoluene	22.6		µg/kg wet		20.0		113	70-130	0.7	25
Methyl tert-butyl ether	20.5		µg/kg wet		20.0		103	70-130	5	25
4-Methyl-2-pentanone (MIBK)	18.2		µg/kg wet		20.0		91	53.1-132	18	50
Methylene chloride	19.0		µg/kg wet		20.0		95	70-130	13	25
Naphthalene	17.8		µg/kg wet		20.0		89	70-130	8	25
n-Propylbenzene	22.0		µg/kg wet		20.0		110	70-130	13	25
Styrene	20.7		µg/kg wet		20.0		103	70-130	12	25
1,1,1,2-Tetrachloroethane	19.6		µg/kg wet		20.0		98	70-130	6	25
1,1,2,2-Tetrachloroethane	19.8		µg/kg wet		20.0		99	70-130	12	25
Tetrachloroethene	19.4		µg/kg wet		20.0		97	70-130	0.6	25
Toluene	18.2		µg/kg wet		20.0		91	70-130	5	25
1,2,3-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130	7	25
1,2,4-Trichlorobenzene	18.5		µg/kg wet		20.0		92	70-130	2	25
1,3,5-Trichlorobenzene	19.9		µg/kg wet		20.0		99	70-130	4	25
1,1,1-Trichloroethane	22.0		µg/kg wet		20.0		110	70-130	6	25
1,1,2-Trichloroethane	18.4		µg/kg wet		20.0		92	70-130	5	25
Trichloroethene	20.9		µg/kg wet		20.0		105	70-130	4	25
Trichlorofluoromethane (Freon 11)	22.9		µg/kg wet		20.0		114	68.2-130	3	50
1,2,3-Trichloropropane	19.5		µg/kg wet		20.0		97	70-130	5	25
1,2,4-Trimethylbenzene	20.9		µg/kg wet		20.0		105	70-130	14	25
1,3,5-Trimethylbenzene	21.1		µg/kg wet		20.0		106	70-130	12	25
Vinyl chloride	21.9		µg/kg wet		20.0		110	70-130	20	25
m,p-Xylene	42.9		µg/kg wet		40.0		107	70-130	8	25
o-Xylene	21.1		µg/kg wet		20.0		105	70-130	9	25
Tetrahydrofuran	16.4		µg/kg wet		20.0		82	70-130	2	25
Ethyl ether	19.6		µg/kg wet		20.0		98	70-130	5	50
Tert-amyl methyl ether	19.7		µg/kg wet		20.0		99	70-130	4	25
Ethyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130	5	25
Di-isopropyl ether	20.8		µg/kg wet		20.0		104	70-130	6	25
Tert-Butanol / butyl alcohol	193		µg/kg wet		200		97	70-130	10	25
1,4-Dioxane	149		µg/kg wet		200		74	48.7-130	15	25
trans-1,4-Dichloro-2-butene	18.4		µg/kg wet		20.0		92	70-130	3	25
Ethanol	376		µg/kg wet		400		94	70-130	20	30
Surrogate: 4-Bromofluorobenzene	*49.6*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*46.3*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.1*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*46.6*		µg/kg wet		*50.0*		*93*	*70-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011586 - SW846 3550B										
Blank (9011586-BLK1)										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011586 - SW846 3550B										
Blank (9011586-BLK1)										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
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						
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	*2440*		µg/kg wet		*3330*		*73*	*30-130*		
Surrogate: 2-Fluorophenol	*2180*		µg/kg wet		*3330*		*65*	*15-110*		
Surrogate: Nitrobenzene-d5	*2510*		µg/kg wet		*3330*		*75*	*30-130*		
Surrogate: Phenol-d5	*2210*		µg/kg wet		*3330*		*66*	*15-110*		
Surrogate: Terphenyl-d14	*2180*		µg/kg wet		*3330*		*65*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2200*		µg/kg wet		*3330*		*66*	*15-110*		
LCS (9011586-BS1)										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Acenaphthene	2550		µg/kg wet	330	3330		76	40-130		
Acenaphthylene	2540		µg/kg wet	330	3330		76	40-130		
Aniline	522	QC2	µg/kg wet	330	3330		16	40-130		
Anthracene	2640		µg/kg wet	330	3330		79	40-130		
Atrazine	3230		µg/kg wet	330	3330		97	40-130		
Azobenzene/Diphenyldiazine	2910		µg/kg wet	330	3330		87	40-130		
Benzidine	88.7		µg/kg wet	330	3330		3	0-130		
Benzo (a) anthracene	2480		µg/kg wet	330	3330		74	40-130		
Benzo (a) pyrene	2570		µg/kg wet	330	3330		77	40-130		
Benzo (b) fluoranthene	2500		µg/kg wet	330	3330		75	40-130		
Benzo (g,h,i) perylene	2050		µg/kg wet	330	3330		61	40-130		
Benzo (k) fluoranthene	3200		µg/kg wet	330	3330		96	40-130		
Benzoic acid	1930		µg/kg wet	330	3330		58	19.5-130		
Benzyl alcohol	2610		µg/kg wet	330	3330		78	40-130		
Bis(2-chloroethoxy)methane	2780		µg/kg wet	330	3330		84	40-130		
Bis(2-chloroethyl)ether	2850		µg/kg wet	330	3330		85	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 9011586 - SW846 3550B										
LCS (9011586-BS1)										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Bis(2-chloroisopropyl)ether	2790		µg/kg wet	330	3330		84	40-130		
Bis(2-ethylhexyl)phthalate	3780		µg/kg wet	330	3330		113	40-130		
4-Bromophenyl phenyl ether	2870		µg/kg wet	330	3330		86	40-130		
Butyl benzyl phthalate	3330		µg/kg wet	330	3330		100	40-130		
Carbazole	3670		µg/kg wet	330	3330		110	40-130		
4-Chloro-3-methylphenol	2660		µg/kg wet	330	3330		80	40-130		
4-Chloroaniline	1360		µg/kg wet	330	3330		41	40-130		
2-Chloronaphthalene	2330		µg/kg wet	330	3330		70	40-130		
2-Chlorophenol	2420		µg/kg wet	330	3330		73	40-130		
4-Chlorophenyl phenyl ether	2720		µg/kg wet	330	3330		82	40-130		
Chrysene	2570		µg/kg wet	330	3330		77	40-130		
Dibenzo (a,h) anthracene	2140		µg/kg wet	330	3330		64	40-130		
Dibenzofuran	2450		µg/kg wet	330	3330		73	40-130		
1,2-Dichlorobenzene	2400		µg/kg wet	330	3330		72	40-130		
1,3-Dichlorobenzene	2260		µg/kg wet	330	3330		68	40-130		
1,4-Dichlorobenzene	2300		µg/kg wet	330	3330		69	40-130		
3,3'-Dichlorobenzidine	2330		µg/kg wet	330	3330		70	40-130		
2,4-Dichlorophenol	2420		µg/kg wet	330	3330		73	40-130		
Diethyl phthalate	2760		µg/kg wet	330	3330		83	40-130		
Dimethyl phthalate	2750		µg/kg wet	330	3330		83	40-130		
2,4-Dimethylphenol	2440		µg/kg wet	330	3330		73	40-130		
Di-n-butyl phthalate	3080		µg/kg wet	330	3330		92	40-130		
4,6-Dinitro-2-methylphenol	335	QC2	µg/kg wet	330	3330		10	40-130		
2,4-Dinitrophenol	590	QC2	µg/kg wet	330	3330		18	40-130		
2,4-Dinitrotoluene	2260		µg/kg wet	330	3330		68	40-130		
2,6-Dinitrotoluene	2330		µg/kg wet	330	3330		70	40-130		
Di-n-octyl phthalate	4890	QC2	µg/kg wet	330	3330		147	40-130		
Fluoranthene	2430		µg/kg wet	330	3330		73	40-130		
Fluorene	2620		µg/kg wet	330	3330		79	40-130		
Hexachlorobenzene	2560		µg/kg wet	330	3330		77	40-130		
Hexachlorobutadiene	2440		µg/kg wet	330	3330		73	40-130		
Hexachlorocyclopentadiene	469	QC2	µg/kg wet	330	3330		14	40-130		
Hexachloroethane	1900		µg/kg wet	330	3330		57	40-130		
Indeno (1,2,3-cd) pyrene	2100		µg/kg wet	330	3330		63	40-130		
1-Methylnaphthalene	2670		µg/kg wet	330	3330		80	40-140		
Isophorone	2630		µg/kg wet	330	3330		79	40-130		
2-Methylnaphthalene	2710		µg/kg wet	330	3330		81	40-130		
2-Methylphenol	2380		µg/kg wet	330	3330		71	40-130		
3 & 4-Methylphenol	2980		µg/kg wet	330	3330		89	40-130		
Naphthalene	2610		µg/kg wet	330	3330		78	40-130		
2-Nitroaniline	2720		µg/kg wet	330	3330		82	40-130		
3-Nitroaniline	2870		µg/kg wet	330	3330		86	40-130		
4-Nitroaniline	2790		µg/kg wet	1320	3330		84	40-130		
Nitrobenzene	2630		µg/kg wet	330	3330		79	40-130		
2-Nitrophenol	1850		µg/kg wet	330	3330		55	40-130		
4-Nitrophenol	1570		µg/kg wet	1320	3330		47	40-130		
N-Nitrosodimethylamine	2940		µg/kg wet	330	3330		88	40-130		
N-Nitrosodi-n-propylamine	2980		µg/kg wet	330	3330		90	40-130		
N-Nitrosodiphenylamine	3160		µg/kg wet	330	3330		95	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 9011586 - SW846 3550B										
LCS (9011586-BS1)										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Pentachlorophenol	2140		µg/kg wet	330	3330		64	40-130		
Phenanthrene	2710		µg/kg wet	330	3330		81	40-130		
Phenol	2400		µg/kg wet	330	3330		72	40-130		
Pyrene	3100		µg/kg wet	330	3330		93	40-130		
Pyridine	395		µg/kg wet	330	3330		12	0-130		
1,2,4-Trichlorobenzene	2240		µg/kg wet	330	3330		67	40-130		
2,4,5-Trichlorophenol	2430		µg/kg wet	330	3330		73	40-130		
2,4,6-Trichlorophenol	2320		µg/kg wet	330	3330		70	40-130		
Pentachloronitrobenzene	3280		µg/kg wet	330	3330		98	40-140		
1,2,4,5-Tetrachlorobenzene	2180		µg/kg wet	330	3330		65	40-140		
Surrogate: 2-Fluorobiphenyl	*2500*		µg/kg wet		*3330*		*75*	*30-130*		
Surrogate: 2-Fluorophenol	*2190*		µg/kg wet		*3330*		*66*	*15-110*		
Surrogate: Nitrobenzene-d5	*2660*		µg/kg wet		*3330*		*80*	*30-130*		
Surrogate: Phenol-d5	*2460*		µg/kg wet		*3330*		*74*	*15-110*		
Surrogate: Terphenyl-dl4	*2880*		µg/kg wet		*3330*		*86*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2740*		µg/kg wet		*3330*		*82*	*15-110*		
Duplicate (9011586-DUP1) **Source: SA90157-09**										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Acenaphthene	BRL		µg/kg dry	783		BRL				50
Acenaphthylene	BRL		µg/kg dry	783		BRL				50
Aniline	BRL		µg/kg dry	783		BRL				50
Anthracene	BRL		µg/kg dry	783		BRL				50
Atrazine	BRL		µg/kg dry	783		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	783		BRL				50
Benzidine	BRL		µg/kg dry	783		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	783		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	783		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	783		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	783		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	783		BRL				50
Benzoic acid	BRL		µg/kg dry	783		BRL				50
Benzyl alcohol	BRL		µg/kg dry	783		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	783		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	783		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	783		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	783		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	783		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	783		BRL				50
Carbazole	BRL		µg/kg dry	783		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	783		BRL				50
4-Chloroaniline	BRL		µg/kg dry	783		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	783		BRL				50
2-Chlorophenol	BRL		µg/kg dry	783		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	783		BRL				50
Chrysene	BRL		µg/kg dry	783		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	783		BRL				50
Dibenzofuran	BRL		µg/kg dry	783		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	783		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	783		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	783		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011586 - SW846 3550B										
Duplicate (9011586-DUP1) **Source: SA90157-09**										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
3,3'-Dichlorobenzidine	BRL		µg/kg dry	783		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	783		BRL				50
Diethyl phthalate	BRL		µg/kg dry	783		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	783		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	783		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	783		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	783		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	783		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	783		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	783		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	783		BRL				50
Fluoranthene	BRL		µg/kg dry	783		BRL				50
Fluorene	BRL		µg/kg dry	783		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	783		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	783		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	783		BRL				50
Hexachloroethane	BRL		µg/kg dry	783		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	783		BRL				50
Isophorone	BRL		µg/kg dry	783		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	783		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	783		BRL				50
2-Methylphenol	BRL		µg/kg dry	783		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	783		BRL				50
Naphthalene	BRL		µg/kg dry	783		BRL				50
2-Nitroaniline	BRL		µg/kg dry	783		BRL				50
3-Nitroaniline	BRL		µg/kg dry	783		BRL				50
4-Nitroaniline	BRL		µg/kg dry	3130		BRL				50
Nitrobenzene	BRL		µg/kg dry	783		BRL				50
2-Nitrophenol	BRL		µg/kg dry	783		BRL				50
4-Nitrophenol	BRL		µg/kg dry	3130		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	783		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	783		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	783		BRL				50
Pentachlorophenol	BRL		µg/kg dry	783		BRL				50
Phenanthrene	BRL		µg/kg dry	783		BRL				50
Phenol	BRL		µg/kg dry	783		BRL				50
Pyrene	BRL		µg/kg dry	783		BRL				50
Pyridine	BRL		µg/kg dry	783		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	783		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	783		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	783		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	783		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	783		BRL				50
Surrogate: 2-Fluorobiphenyl	*3120*		µg/kg dry		*3950*		*79*	*30-130*		
Surrogate: 2-Fluorophenol	*2950*		µg/kg dry		*3950*		*75*	*15-110*		
Surrogate: Nitrobenzene-d5	*3140*		µg/kg dry		*3950*		*79*	*30-130*		
Surrogate: Phenol-d5	*2800*		µg/kg dry		*3950*		*71*	*15-110*		
Surrogate: Terphenyl-dl4	*2800*		µg/kg dry		*3950*		*71*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2800*		µg/kg dry		*3950*		*71*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011586 - SW846 3550B										
Matrix Spike (9011586-MS1) **Source: SA90157-09**										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Acenaphthene	3030		µg/kg dry	398	4030	BRL	75	40-140		
Benzo (b) fluoranthene	2700		µg/kg dry	398	4030	BRL	67	40-140		
Benzo (k) fluoranthene	3210		µg/kg dry	398	4030	BRL	80	40-140		
4-Chloro-3-methylphenol	3300		µg/kg dry	398	4030	BRL	82	30-130		
2-Chlorophenol	2990		µg/kg dry	398	4030	BRL	74	30-130		
Chrysene	2910		µg/kg dry	398	4030	BRL	72	40-140		
1,4-Dichlorobenzene	2720		µg/kg dry	398	4030	BRL	68	40-140		
Indeno (1,2,3-cd) pyrene	3080		µg/kg dry	398	4030	BRL	77	40-140		
Naphthalene	2880		µg/kg dry	398	4030	BRL	72	40-140		
4-Nitrophenol	3390		µg/kg dry	1590	4030	BRL	84	30-130		
N-Nitrosodi-n-propylamine	3650		µg/kg dry	398	4030	BRL	91	40-140		
Pentachlorophenol	2890		µg/kg dry	398	4030	BRL	72	30-130		
Phenol	3220		µg/kg dry	398	4030	BRL	80	30-130		
Pyrene	2760		µg/kg dry	398	4030	BRL	69	40-140		
1,2,4-Trichlorobenzene	2620		µg/kg dry	398	4030	BRL	65	40-140		
Surrogate: 2-Fluorobiphenyl	*2910*		µg/kg dry		*4030*		*72*	*30-130*		
Surrogate: 2-Fluorophenol	*2680*		µg/kg dry		*4030*		*67*	*15-110*		
Surrogate: Nitrobenzene-d5	*3060*		µg/kg dry		*4030*		*76*	*30-130*		
Surrogate: Phenol-d5	*2620*		µg/kg dry		*4030*		*65*	*15-110*		
Surrogate: Terphenyl-dl4	*2460*		µg/kg dry		*4030*		*61*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3310*		µg/kg dry		*4030*		*82*	*15-110*		
Matrix Spike Dup (9011586-MSD1) **Source: SA90157-09**										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
Acenaphthene	3200		µg/kg dry	395	3990	BRL	80	40-140	6	30
Benzo (b) fluoranthene	3150		µg/kg dry	395	3990	BRL	79	40-140	16	30
Benzo (k) fluoranthene	2900		µg/kg dry	395	3990	BRL	73	40-140	10	30
4-Chloro-3-methylphenol	3120		µg/kg dry	395	3990	BRL	78	30-130	5	30
2-Chlorophenol	2950		µg/kg dry	395	3990	BRL	74	30-130	0.5	30
Chrysene	3050		µg/kg dry	395	3990	BRL	76	40-140	5	30
1,4-Dichlorobenzene	2980		µg/kg dry	395	3990	BRL	75	40-140	10	30
Indeno (1,2,3-cd) pyrene	3000		µg/kg dry	395	3990	BRL	75	40-140	2	30
Naphthalene	3020		µg/kg dry	395	3990	BRL	76	40-140	6	30
4-Nitrophenol	3200		µg/kg dry	1580	3990	BRL	80	30-130	5	30
N-Nitrosodi-n-propylamine	3490		µg/kg dry	395	3990	BRL	87	40-140	4	30
Pentachlorophenol	2890		µg/kg dry	395	3990	BRL	72	30-130	0.7	30
Phenol	3100		µg/kg dry	395	3990	BRL	78	30-130	3	30
Pyrene	3040		µg/kg dry	395	3990	BRL	76	40-140	10	30
1,2,4-Trichlorobenzene	2680		µg/kg dry	395	3990	BRL	67	40-140	3	30
Surrogate: 2-Fluorobiphenyl	*3000*		µg/kg dry		*3990*		*75*	*30-130*		
Surrogate: 2-Fluorophenol	*2620*		µg/kg dry		*3990*		*66*	*15-110*		
Surrogate: Nitrobenzene-d5	*3090*		µg/kg dry		*3990*		*77*	*30-130*		
Surrogate: Phenol-d5	*2480*		µg/kg dry		*3990*		*62*	*15-110*		
Surrogate: Terphenyl-dl4	*2670*		µg/kg dry		*3990*		*67*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3310*		µg/kg dry		*3990*		*83*	*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 9011590 - SW846 3550B										
Blank (9011590-BLK1)										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
PCB 1016	BRL		µg/kg wet	20.0						
PCB 1221	BRL		µg/kg wet	20.0						
PCB 1232	BRL		µg/kg wet	20.0						
PCB 1242	BRL		µg/kg wet	20.0						
PCB 1248	BRL		µg/kg wet	20.0						
PCB 1254	BRL		µg/kg wet	20.0						
PCB 1260	BRL		µg/kg wet	20.0						
PCB 1262	BRL		µg/kg wet	20.0						
PCB 1268	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.2*		µg/kg wet		*20.0*		*91*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*11.2*		µg/kg wet		*20.0*		*56*	*30-150*		
LCS (9011590-BS1)										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
PCB 1016	253		µg/kg wet	20.0	250		101	40-140		
PCB 1260	299		µg/kg wet	20.0	250		120	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*11.4*		µg/kg wet		*20.0*		*57*	*30-150*		
LCS Dup (9011590-BSD1)										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
PCB 1016	244		µg/kg wet	20.0	250		97	40-140	4	30
PCB 1260	289		µg/kg wet	20.0	250		115	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.4*		µg/kg wet		*20.0*		*92*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*10.8*		µg/kg wet		*20.0*		*54*	*30-150*		
Duplicate (9011590-DUP1) **Source: SA90179-01**										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
PCB 1016	BRL		µg/kg dry	21.6		BRL				40
PCB 1221	BRL		µg/kg dry	21.6		BRL				40
PCB 1232	BRL		µg/kg dry	21.6		BRL				40
PCB 1242	BRL		µg/kg dry	21.6		BRL				40
PCB 1248	BRL		µg/kg dry	21.6		BRL				40
PCB 1254	BRL		µg/kg dry	21.6		BRL				40
PCB 1260	BRL		µg/kg dry	21.6		BRL				40
PCB 1262	BRL		µg/kg dry	21.6		BRL				40
PCB 1268	BRL		µg/kg dry	21.6		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.7*		µg/kg dry		*21.6*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*13.9*		µg/kg dry		*21.6*		*65*	*30-150*		
Matrix Spike (9011590-MS1) **Source: SA90179-01**										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
PCB 1016	303		µg/kg dry	22.0	275	BRL	110	40-140		
PCB 1260	378		µg/kg dry	22.0	275	BRL	137	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.9*		µg/kg dry		*22.0*		*104*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg dry		*22.0*		*73*	*30-150*		
Matrix Spike Dup (9011590-MSD1) **Source: SA90179-01**										
Prepared: 26-Jan-09 Analyzed: 27-Jan-09										
PCB 1016	315		µg/kg dry	22.0	275	BRL	114	40-140	4	50
PCB 1260	382		µg/kg dry	22.0	275	BRL	139	40-140	0.9	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.8*		µg/kg dry		*22.0*		*108*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.5*		µg/kg dry		*22.0*		*75*	*30-150*		
Batch 9011686 - SW846 3550B										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011686 - SW846 3550B										
Blank (9011686-BLK1)										
Prepared: 27-Jan-09 Analyzed: 28-Jan-09										
2,4,5-T	BRL		µg/kg wet	6.70						
2,4,5-T [2C]	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex)	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex) [2C]	BRL		µg/kg wet	6.70						
2,4-D	BRL		µg/kg wet	6.70						
2,4-D [2C]	BRL		µg/kg wet	6.70						
2,4-DB	BRL		µg/kg wet	6.70						
2,4-DB [2C]	BRL		µg/kg wet	6.70						
Dalapon	BRL		µg/kg wet	6.70						
Dalapon [2C]	BRL		µg/kg wet	6.70						
Dicamba	BRL		µg/kg wet	6.70						
Dicamba [2C]	BRL		µg/kg wet	6.70						
Dichlorprop	BRL		µg/kg wet	6.70						
Dichlorprop [2C]	BRL		µg/kg wet	6.70						
Dinoseb	BRL		µg/kg wet	6.70						
Dinoseb [2C]	BRL		µg/kg wet	6.70						
MCPA	BRL		µg/kg wet	670						
MCPA [2C]	BRL		µg/kg wet	670						
MCPB	BRL		µg/kg wet	670						
MCPB [2C]	BRL		µg/kg wet	670						
MCPP	BRL		µg/kg wet	670						
MCPP [2C]	BRL		µg/kg wet	670						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.6*		µg/kg wet		*13.3*		*87*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*11.1*		µg/kg wet		*13.3*		*83*	*30-150*		
LCS (9011686-BS1)										
Prepared: 27-Jan-09 Analyzed: 28-Jan-09										
2,4,5-T	24.4		µg/kg wet	6.70	33.3		73	40-140		
2,4,5-T [2C]	28.7		µg/kg wet	6.70	33.3		86	40-140		
2,4,5-TP (Silvex)	27.7		µg/kg wet	6.70	33.3		83	40-140		
2,4,5-TP (Silvex) [2C]	30.9		µg/kg wet	6.70	33.3		93	40-140		
2,4-D	23.1		µg/kg wet	6.70	33.3		69	40-140		
2,4-D [2C]	27.2		µg/kg wet	6.70	33.3		82	40-140		
2,4-DB	22.9		µg/kg wet	6.70	33.3		69	40-140		
2,4-DB [2C]	26.3		µg/kg wet	6.70	33.3		79	40-140		
Dalapon	24.2		µg/kg wet	6.70	33.3		73	40-140		
Dalapon [2C]	23.8		µg/kg wet	6.70	33.3		71	40-140		
Dicamba	28.0		µg/kg wet	6.70	33.3		84	40-140		
Dicamba [2C]	29.0		µg/kg wet	6.70	33.3		87	40-140		
Dichlorprop	29.5		µg/kg wet	6.70	33.3		88	40-140		
Dichlorprop [2C]	30.1		µg/kg wet	6.70	33.3		90	40-140		
Dinoseb	27.7		µg/kg wet	6.70	33.3		83	40-140		
Dinoseb [2C]	30.5		µg/kg wet	6.70	33.3		92	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.1*		µg/kg wet		*13.3*		*84*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*11.6*		µg/kg wet		*13.3*		*87*	*30-150*		
LCS (9011686-BS2)										
Prepared: 27-Jan-09 Analyzed: 28-Jan-09										
MCPA	12900		µg/kg wet	670	10000		129	40-140		
MCPA [2C]	10500		µg/kg wet	670	10000		105	40-140		
MCPB	12600		µg/kg wet	670	10000		126	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011686 - SW846 3550B										
LCS (9011686-BS2)										
Prepared: 27-Jan-09 Analyzed: 28-Jan-09										
MCPB [2C]	12200		µg/kg wet	670	10000		122	40-140		
MCPP	9600		µg/kg wet	670	10000		96	40-140		
MCPP [2C]	11700		µg/kg wet	670	10000		117	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.0*		µg/kg wet		*13.3*		*83*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [;	*10.8*		µg/kg wet		*13.3*		*81*	*30-150*		
LCS Dup (9011686-BSD2)										
Prepared: 27-Jan-09 Analyzed: 28-Jan-09										
MCPA	13000		µg/kg wet	670	10000		130	40-140	1	25
MCPA [2C]	10300		µg/kg wet	670	10000		103	40-140	1	25
MCPB	12800		µg/kg wet	670	10000		128	40-140	2	25
MCPB [2C]	11900		µg/kg wet	670	10000		119	40-140	3	25
MCPP	10900		µg/kg wet	670	10000		109	40-140	13	25
MCPP [2C]	11000		µg/kg wet	670	10000		110	40-140	6	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.4*		µg/kg wet		*13.3*		*86*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [;	*10.1*		µg/kg wet		*13.3*		*76*	*30-150*		
Duplicate (9011686-DUP1) **Source: SA90179-02**										
Prepared: 27-Jan-09 Analyzed: 28-Jan-09										
2,4,5-T	BRL		µg/kg dry	6.70		BRL				30
2,4,5-T [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex) [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-D	BRL		µg/kg dry	6.70		BRL				30
2,4-D [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-DB	BRL		µg/kg dry	6.70		BRL				30
2,4-DB [2C]	BRL		µg/kg dry	6.70		BRL				30
Dalapon	BRL		µg/kg dry	6.70		BRL				30
Dalapon [2C]	BRL		µg/kg dry	6.70		BRL				30
Dicamba	BRL		µg/kg dry	6.70		BRL				30
Dicamba [2C]	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop [2C]	BRL		µg/kg dry	6.70		BRL				30
Dinoseb	BRL		µg/kg dry	6.70		BRL				30
Dinoseb [2C]	BRL		µg/kg dry	6.70		BRL				30
MCPA	BRL		µg/kg dry	670		BRL				30
MCPA [2C]	BRL		µg/kg dry	670		BRL				30
MCPB	BRL		µg/kg dry	670		BRL				30
MCPB [2C]	BRL		µg/kg dry	670		BRL				30
MCPP	BRL		µg/kg dry	670		BRL				30
MCPP [2C]	BRL		µg/kg dry	670		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.0*		µg/kg dry		*14.9*		*68*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [;	*13.4*		µg/kg dry		*14.9*		*90*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011584 - SW846 3550B										
Blank (9011584-BLK1)										
Prepared: 26-Jan-09 Analyzed: 28-Jan-09										
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	*2.73*		mg/kg wet		*3.33*		*82*	*50-150*		
LCS (9011584-BS1)										
Prepared: 26-Jan-09 Analyzed: 28-Jan-09										
C9-C36 Aliphatic Hydrocarbons	68.5		mg/kg wet	13.3	93.3		73	60-120		
Surrogate: 1-Chlorooctadecane	*2.42*		mg/kg wet		*3.33*		*72*	*50-150*		
Duplicate (9011584-DUP1) **Source: SA90157-09**										
Prepared: 26-Jan-09 Analyzed: 28-Jan-09										
Gasoline	BRL		mg/kg dry	31.5		BRL				50
Fuel Oil #2	BRL		mg/kg dry	31.5		BRL				50
Fuel Oil #4	BRL		mg/kg dry	31.5		BRL				50
Fuel Oil #6	BRL		mg/kg dry	31.5		BRL				50
Motor Oil	BRL		mg/kg dry	31.5		BRL				50
Aviation Fuel	BRL		mg/kg dry	31.5		BRL				50
Unidentified	BRL		mg/kg dry	31.5		BRL				50
Other Oil	BRL		mg/kg dry	31.5		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	31.5		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	31.5		BRL				50
Surrogate: 1-Chlorooctadecane	*3.65*		mg/kg dry		*3.95*		*92*	*50-150*		
Matrix Spike (9011584-MS1) **Source: SA90157-09**										
Prepared: 26-Jan-09 Analyzed: 28-Jan-09										
C9-C36 Aliphatic Hydrocarbons	82.5		mg/kg dry	16.1	113	BRL	73	50-150		
Surrogate: 1-Chlorooctadecane	*2.89*		mg/kg dry		*4.03*		*72*	*50-150*		
Matrix Spike Dup (9011584-MSD1) **Source: SA90157-09**										
Prepared: 26-Jan-09 Analyzed: 28-Jan-09										
C9-C36 Aliphatic Hydrocarbons	77.6		mg/kg dry	16.0	113	BRL	69	50-150	6	30
Surrogate: 1-Chlorooctadecane	*2.72*		mg/kg dry		*4.02*		*68*	*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 9011514 - SW846 3050B										
Blank (9011514-BLK1)										
Prepared: 23-Jan-09 Analyzed: 27-Jan-09										
Selenium	BRL		mg/kg wet	1.28						
Lead	BRL		mg/kg wet	1.28						
Cadmium	BRL		mg/kg wet	0.426						
Silver	BRL		mg/kg wet	1.28						
Chromium	BRL		mg/kg wet	0.853						
Arsenic	BRL		mg/kg wet	1.28						
Barium	BRL		mg/kg wet	0.853						
Duplicate (9011514-DUP1) Source: SA90179-01										
Prepared: 23-Jan-09 Analyzed: 28-Jan-09										
Lead	23.7	QR6	mg/kg dry	1.59		10.3			79	20
Selenium	1.76		mg/kg dry	1.59		1.47			18	20
Silver	BRL		mg/kg dry	1.59		BRL				20
Arsenic	19.9	QR6	mg/kg dry	1.59		10.1			65	20
Cadmium	0.409	J	mg/kg dry	0.531		0.337			19	20
Chromium	11.7	QR6	mg/kg dry	1.06		8.68			30	20
Barium	46.1		mg/kg dry	1.06		43.7			5	20
Matrix Spike (9011514-MS1) Source: SA90179-02										
Prepared: 23-Jan-09 Analyzed: 28-Jan-09										
Selenium	136		mg/kg dry	1.63	136	1.59	99	75-125		
Lead	150		mg/kg dry	1.63	136	9.01	104	75-125		
Arsenic	133		mg/kg dry	1.63	136	1.59	97	75-125		
Silver	134		mg/kg dry	1.63	136	BRL	99	75-125		
Cadmium	138		mg/kg dry	0.543	136	0.264	102	75-125		
Chromium	149		mg/kg dry	1.09	136	9.71	103	75-125		
Barium	190		mg/kg dry	1.09	136	43.2	108	75-125		
Matrix Spike Dup (9011514-MSD1) Source: SA90179-02										
Prepared: 23-Jan-09 Analyzed: 28-Jan-09										
Selenium	139		mg/kg dry	1.67	140	1.59	98	75-125	2	20
Lead	168		mg/kg dry	1.67	140	9.01	114	75-125	12	20
Arsenic	136		mg/kg dry	1.67	140	1.59	96	75-125	2	20
Silver	139		mg/kg dry	1.67	140	BRL	100	75-125	4	20
Cadmium	143		mg/kg dry	0.558	140	0.264	102	75-125	3	20
Chromium	153		mg/kg dry	1.12	140	9.71	103	75-125	3	20
Barium	214		mg/kg dry	1.12	140	43.2	122	75-125	12	20
Post Spike (9011514-PS1) Source: SA90179-02										
Prepared: 23-Jan-09 Analyzed: 28-Jan-09										
Lead	150		mg/kg dry	1.70	142	9.01	100	80-120		
Selenium	138		mg/kg dry	1.70	142	1.59	96	80-120		
Arsenic	136		mg/kg dry	1.70	142	1.59	95	80-120		
Cadmium	142		mg/kg dry	0.567	142	0.264	100	80-120		
Chromium	149		mg/kg dry	1.13	142	9.71	98	80-120		
Silver	140		mg/kg dry	1.70	142	BRL	98	80-120		
Barium	184		mg/kg dry	1.13	142	43.2	100	80-120		
Reference (9011514-SRM1)										
Prepared: 23-Jan-09 Analyzed: 28-Jan-09										
Lead	46.5		mg/kg wet	1.50	44.6		104	78.8-120.9		
Selenium	151		mg/kg wet	1.50	148		102	76.6-123.1		

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 9011514 - SW846 3050B										
Reference (9011514-SRM1)										
Prepared: 23-Jan-09 Analyzed: 28-Jan-09										
Silver	15.8		mg/kg wet	1.50	15.6		101	66.4-133.6		
Chromium	125		mg/kg wet	1.00	122		102	79.7-120.3		
Cadmium	31.6		mg/kg wet	0.500	31.5		100	80.9-119.3		
Arsenic	53.2		mg/kg wet	1.50	53.9		99	77.6-123.1		
Barium	110		mg/kg wet	1.00	103		107	79.8-119.7		
Reference (9011514-SRM2)										
Prepared: 23-Jan-09 Analyzed: 28-Jan-09										
Selenium	148		mg/kg wet	1.50	143		104	76.6-123.1		
Lead	44.1		mg/kg wet	1.50	43.1		102	78.8-120.9		
Chromium	124		mg/kg wet	1.00	118		105	79.7-120.3		
Silver	15.5		mg/kg wet	1.50	15.1		103	66.4-133.6		
Arsenic	51.7		mg/kg wet	1.50	52.1		99	77.6-123.1		
Cadmium	30.8		mg/kg wet	0.500	30.4		101	80.9-119.3		
Barium	112		mg/kg wet	1.00	99.3		113	79.8-119.7		
Batch 9011515 - EPA200/SW7000 Series										
Blank (9011515-BLK1)										
Prepared: 23-Jan-09 Analyzed: 26-Jan-09										
Mercury	BRL		mg/kg wet	0.0288						
Duplicate (9011515-DUP1) **Source: SA90179-01**										
Prepared: 23-Jan-09 Analyzed: 26-Jan-09										
Mercury	0.0424	QR8	mg/kg dry	0.0325		0.0587			32	20
Matrix Spike (9011515-MS1) **Source: SA90179-02**										
Prepared: 23-Jan-09 Analyzed: 26-Jan-09										
Mercury	0.560		mg/kg dry	0.0336	0.467	0.0219	115	75-125		
Matrix Spike Dup (9011515-MSD1) **Source: SA90179-02**										
Prepared: 23-Jan-09 Analyzed: 26-Jan-09										
Mercury	0.511		mg/kg dry	0.0304	0.422	0.0219	116	75-125	9	20
Post Spike (9011515-PS1) **Source: SA90179-02**										
Prepared: 23-Jan-09 Analyzed: 26-Jan-09										
Mercury	0.504		mg/kg dry	0.0338	0.470	0.0219	103	80-120		
Reference (9011515-SRM1)										
Prepared: 23-Jan-09 Analyzed: 26-Jan-09										
Mercury	2.41		mg/kg wet	0.0300	2.18		110	71.7-128.8		

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 9020464 - SW846 3010A										
Blank (9020464-BLK1)										
Prepared: 06-Feb-09 Analyzed: 09-Feb-09										
Lead	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0100						
Arsenic	BRL		mg/l	0.0080						
LCS (9020464-BS1)										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	2.45		mg/l	0.0150	2.50		98	85-115		
Chromium	2.49		mg/l	0.0100	2.50		100	85-115		
Arsenic	2.44		mg/l	0.0080	2.50		98	85-115		
LCS Dup (9020464-BSD1)										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	2.45		mg/l	0.0150	2.50		98	85-115	0.1	20
Chromium	2.48		mg/l	0.0100	2.50		99	85-115	0.1	20
Arsenic	2.44		mg/l	0.0080	2.50		98	85-115	0.2	20
Duplicate (9020464-DUP1) Source: SA90179-01										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	BRL		mg/l	0.0150		BRL				20
Arsenic	BRL		mg/l	0.0080		BRL				20
Chromium	BRL		mg/l	0.0100		BRL				20
Matrix Spike (9020464-MS1) Source: SA90067-02										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	2.45		mg/l	0.0150	2.50	BRL	98	75-125		
Arsenic	2.47		mg/l	0.0080	2.50	BRL	99	75-125		
Chromium	2.49		mg/l	0.0100	2.50	BRL	99	75-125		
Matrix Spike Dup (9020464-MSD1) Source: SA90067-02										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	2.44		mg/l	0.0150	2.50	BRL	97	75-125	0.7	20
Arsenic	2.44		mg/l	0.0080	2.50	BRL	98	75-125	1	20
Chromium	2.47		mg/l	0.0100	2.50	BRL	99	75-125	0.5	20
Post Spike (9020464-PS1) Source: SA90067-02										
Prepared: 06-Feb-09 Analyzed: 07-Feb-09										
Lead	2.49		mg/l	0.0150	2.50	BRL	100	75-125		
Arsenic	2.48		mg/l	0.0080	2.50	BRL	99	75-125		
Chromium	2.52		mg/l	0.0100	2.50	BRL	101	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011547 - General Preparation										
Duplicate (9011547-DUP1) Source: SA90177-73										
Prepared & Analyzed: 23-Jan-09										
% Solids	84.1		%			86.1			2	20

Notes and Definitions

QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
QR8	Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
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 and waste automobile oil
Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
Aviation Fuel - includes kerosene, Jet A and JP-4
Other Oil - includes lubricating and cutting oil, and silicon oil

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Leja
Rebecca Merz

SA 901796K

SPECTRUM ANALYTICAL, INC.
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HANDAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [x] 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 Rizzo
150 Trumbull St. 4th fl.
Hartford, CT 06103

Project Mgr.: David Brassard

Invoice To: DAS X44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08011
Site Name: Hartford Busway
Location: Hartford State: CT
Sampler(s): Patrick deFrank

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

QA Reporting Notes: (Check if needed)
- [ ] Provide MA DEP MCP CAM Report
- [ ] Provide CT DEP RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

* State specific reporting standards: CT

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC 8260	SVOC 8270	CT ETPH	PCB 8082	Herbicides 8151	Total RCRA 8 Metals
A901796-01	RSB-B45	1/21/09	1400	G	SO	7	3	2			X	X	X	X	X	X
02	RSB-B46		1330													
03	RSB-D1		1155													
04	RSB-D2		1125													
05	RSB-D4		1015													
06	RSB-D5		950													
07	RSB-D6		915													
08	RSB-D7		1430													
09	RSB-D8		830								X	X	X	X	X	X

- [ ] Fax results when available to (____) _____
- [x] E-mail to patrick.defrank@tetratech.com
EDD Format _____

Condition upon receipt: [ ] Iced [ ] Ambient [ ] °C 23 -10°

Relinquished by:	Received by:	Date:	Time:
Patrick deFrank	[signature]	1-22-09	1130
[signature]	[signature]	1/22/09	1300

Sa 90179LK

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

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 Rizzo
150 Trumbull St, 4th fl.
Hartford, CT 06103

Project Mgr.: David Brassard

Invoice To: DAS X44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08011
Site Name: Hartford Busway
Location: Hartford State: CT
Sampler(s): Patrick deFonda

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

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☐ Provide CT DEP RCP Report
QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____
* State specific reporting standards: CT

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	Total RCRA 8 Metals	SPLP As, Pb, Cr	
[illegible]	RSB-B45	1/21/09	1400	G	SO	7	3	2			X	X	X	X	X	X	X	[illegible] distinguish st 2/14
	RSB-B46		1330															
	RSB-D1		1155															
	RSB-D2		1125															
	RSB-D4		1015															
	RSB-D5		950															
	RSB-D6		915															
	RSB-D7		1430															
	RSB-D8		830								X	X	X	X	X	X	X	

☐ Fax results when available to (____) _____
☒ E-mail to patrick.defonda@tetratech.com
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 23 -10°

Relinquished by:	Received by:	Date:	Time:
Patrick deFonda	[signature]	1-22-09	1130
[signature]	[signature]	1/22/09	1300

Report Date:
02-Mar-09 10:34

☑ 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: Patrick De Paula

Project: Hartford Busway - Hartford, CT
Project 127-17797-08010

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA91443-01	RSB-B48	Soil	24-Feb-09 09:30	25-Feb-09 12:00
SA91443-02	RSB-B47	Soil	24-Feb-09 11:00	25-Feb-09 12:00
SA91443-03	Trip Blank	Blank	24-Feb-09 10:00	25-Feb-09 12:00

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

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

Authorized by:

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

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 42 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supercedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report is available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

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

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

CASE NARRATIVE:

The samples were received 3.7 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.

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

SW846 6010B

Spikes:

9021637-MS1 *Source: SA91342-27*

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

Lead

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

Barium

9021637-MSD1 *Source: SA91342-27*

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

Barium

Duplicates:

9021637-DUP1 *Source: SA91342-16*

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

Barium
Chromium
Lead

SW846 7471A

Spikes:

9021638-MS1 *Source: SA91342-27*

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

Mercury

9021638-MSD1 *Source: SA91342-27*

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

Mercury

SW846 8151A

Samples:

S901795-CCV4

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPP [2C]

SW846 8260B

Laboratory Control Samples:

9030002-BS1

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

Carbon disulfide

9030002-BSD1

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

Carbon disulfide

Analyte out of acceptance range.

1,2,3-Trichloropropane

Samples:

SA91443-02 *RSB-B47*

Reporting limits reflect SW846 5030 extraction technique due to interference using SW846 5035A extraction technique.

SA91443-03 *Trip Blank*

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

1,2-Dichloroethane-d4

SW846 8270C

Laboratory Control Samples:

9021813-BS1

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

2,4-Dinitrophenol
Benzoic acid

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B48 SA91443-01	127-17797-08010	Soil	24-Feb-09 09:30	25-Feb-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	25-Feb-09	25-Feb-09	9021811	
Volatile Organic Compounds						Initial weight: 15.81 g					
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	51.7	50	SW846 8260B	01-Mar-09	01-Mar-09	9030002	X
67-64-1	Acetone	BRL		µg/kg dry	517	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	51.7	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	51.7	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	51.7	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	51.7	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	103	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	517	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	258	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	700		µg/kg dry	51.7	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	103	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	51.7	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	103	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	103	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	51.7	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	51.7	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	51.7	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	103	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	51.7	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	51.7	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	51.7	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	51.7	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	51.7	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	517	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	51.7	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	517	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	517	50	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	51.7	50	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B48	127-17797-08010	Soil	24-Feb-09 09:30	25-Feb-09
SA91443-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)					Initial weight: 15.81 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	51.7	50	SW846 8260B	01-Mar-09	01-Mar-09	9030002	X
100-42-5	Styrene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	51.7	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	51.7	50	"	"	"	"	X
127-18-4	Tetrachloroethene	201		µg/kg dry	51.7	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	51.7	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	51.7	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	51.7	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	51.7	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	51.7	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	51.7	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	51.7	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	103	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	51.7	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	517	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	51.7	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	51.7	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	51.7	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	51.7	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	517	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1030	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	258	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	20700	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*83*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*88*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*110*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*92*		*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	341	1	SW846 8270C	26-Feb-09	27-Feb-09	9021813	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	341	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	341	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	341	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	341	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	341	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	341	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	341	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	341	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	341	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	341	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	341	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	341	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	341	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B48	127-17797-08010	Soil	24-Feb-09 09:30	25-Feb-09
SA91443-01				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	341	1	SW846 8270C	26-Feb-09	27-Feb-09	9021813	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	341	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	341	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	341	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	341	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	341	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	341	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	341	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	341	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	341	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	341	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	341	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	341	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	341	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	341	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	341	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	341	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	341	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	341	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	341	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	341	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	341	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	341	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	341	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	341	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	341	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	341	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	341	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	341	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	341	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	341	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	341	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	341	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	341	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	341	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	341	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	341	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	341	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	341	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	341	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	341	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	341	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	341	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	341	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1360	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	341	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	341	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1360	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	341	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	341	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B48	127-17797-08010	Soil	24-Feb-09 09:30	25-Feb-09
SA91443-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	341	1	SW846 8270C	26-Feb-09	27-Feb-09	9021813	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	341	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	341	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	341	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	341	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	341	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	341	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	341	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	341	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	341	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	341	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*73*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*62*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*68*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*54*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*63*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*66*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	20.5	1	SW846 8082	26-Feb-09	26-Feb-09	9021816	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	20.5	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	20.5	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	20.5	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	20.5	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	20.5	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	20.5	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	20.5	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	20.5	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	26-Feb-09	26-Feb-09	9021818	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*63*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B47 SA91443-02	127-17797-08010	Soil	24-Feb-09 11:00	25-Feb-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 14.82 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	66.4	50	SW846 8260B	01-Mar-09	01-Mar-09	9030002	X
100-42-5	Styrene	BRL		µg/kg dry	66.4	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	66.4	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	66.4	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	66.4	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	66.4	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	66.4	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	66.4	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	66.4	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	66.4	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	66.4	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	66.4	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	66.4	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	66.4	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	66.4	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	66.4	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	66.4	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	133	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	66.4	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	664	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	66.4	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	66.4	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	66.4	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	66.4	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	664	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1330	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	332	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	26600	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*79*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*86*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*99*		*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	376	1	SW846 8270C	26-Feb-09	27-Feb-09	9021813	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	376	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	376	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	376	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	376	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	376	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	376	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	376	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	376	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	376	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	376	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	376	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	376	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	376	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B47 SA91443-02	127-17797-08010	Soil	24-Feb-09 11:00	25-Feb-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	376	1	SW846 8270C	26-Feb-09	27-Feb-09	9021813	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	376	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	376	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	376	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	376	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	376	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	376	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	376	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	376	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	376	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	376	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	376	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	376	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	376	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	376	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	376	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	376	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	376	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	376	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1510	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1510	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	376	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	376	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B47 SA91443-02	127-17797-08010	Soil	24-Feb-09 11:00	25-Feb-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	376	1	SW846 8270C	26-Feb-09	27-Feb-09	9021813	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	376	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	376	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	376	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	376	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*73*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*60*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*65*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*53*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*63*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*64*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	22.8	1	SW846 8082	26-Feb-09	26-Feb-09	9021816	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	22.8	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	22.8	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	22.8	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	22.8	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	26-Feb-09	26-Feb-09	9021818	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*48*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-B47 SA91443-02	127-17797-08010	Soil	24-Feb-09 11:00	25-Feb-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.2	1	+CT ETPH	26-Feb-09	27-Feb-09	9021812	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*84*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.63	1	SW846 6010B	25-Feb-09	26-Feb-09	9021637	X
7440-38-2	Arsenic	3.91		mg/kg dry	1.63	1	"	"	"	"	X
7440-39-3	Barium	48.1		mg/kg dry	1.09	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.543	1	"	"	"	"	X
7440-47-3	Chromium	6.82		mg/kg dry	1.09	1	"	"	"	"	X
7439-97-6	Mercury	0.989		mg/kg dry	0.0342	1	SW846 7471A	"	27-Feb-09	9021638	X
7439-92-1	Lead	86.4		mg/kg dry	1.63	1	SW846 6010B	"	26-Feb-09	9021637	X
7782-49-2	Selenium	BRL		mg/kg dry	1.63	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	86.4		%		1	SM2540 G Mod.	25-Feb-09	25-Feb-09	9021785	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank SA91443-03	127-17797-08010	Blank	24-Feb-09 10:00	25-Feb-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0	1	SW846 8260B	28-Feb-09	28-Feb-09	9022034	X
67-64-1	Acetone	BRL		µg/kg wet	50.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg wet	5.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg wet	5.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg wet	10.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg wet	50.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg wet	25.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg wet	10.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg wet	5.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg wet	10.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg wet	50.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg wet	50.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank SA91443-03	127-17797-08010	Blank	24-Feb-09 10:00	25-Feb-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
100-42-5	Styrene	BRL		µg/kg wet	5.0	1	SW846 8260B	28-Feb-09	28-Feb-09	9022034	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg wet	5.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg wet	10.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg wet	50.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg wet	100	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg wet	2000	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*139*	SGC	*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*115*		*70-130 %*			"	"	"	"	

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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 9022034 - SW846 5035A Soil (low level)										
Blank (9022034-BLK1)										
Prepared & Analyzed: 28-Feb-09										
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 9022034 - SW846 5035A Soil (low level)										
Blank (9022034-BLK1)										
Prepared & Analyzed: 28-Feb-09										
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						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	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						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*47.9*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*64.9*		µg/kg wet		*50.0*		*130*	*70-130*		
Surrogate: Dibromofluoromethane	*56.1*		µg/kg wet		*50.0*		*112*	*70-130*		
LCS (9022034-BS1)										
Prepared & Analyzed: 28-Feb-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.3		µg/kg wet		20.0		112	70-130		
Acetone	12.0		µg/kg wet		20.0		60	7.9-168		
Acrylonitrile	20.0		µg/kg wet		20.0		100	70-130		
Benzene	17.4		µg/kg wet		20.0		87	70-130		
Bromobenzene	19.5		µg/kg wet		20.0		98	70-130		
Bromochloromethane	18.7		µg/kg wet		20.0		94	70-130		
Bromodichloromethane	19.9		µg/kg wet		20.0		100	70-130		
Bromoform	18.8		µg/kg wet		20.0		94	70-130		
Bromomethane	18.0		µg/kg wet		20.0		90	50-134		
2-Butanone (MEK)	16.0		µg/kg wet		20.0		80	44.6-130		
n-Butylbenzene	18.6		µg/kg wet		20.0		93	70-130		
sec-Butylbenzene	19.4		µg/kg wet		20.0		97	70-130		
tert-Butylbenzene	19.7		µg/kg wet		20.0		98	70-130		
Carbon disulfide	17.5		µg/kg wet		20.0		88	70-130		
Carbon tetrachloride	18.7		µg/kg wet		20.0		93	70-130		
Chlorobenzene	18.2		µg/kg wet		20.0		91	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9022034 - SW846 5035A Soil (low level)										
LCS (9022034-BS1)										
Prepared & Analyzed: 28-Feb-09										
Chloroethane	17.7		µg/kg wet		20.0		88	59.2-130		
Chloroform	20.0		µg/kg wet		20.0		100	70-130		
Chloromethane	19.3		µg/kg wet		20.0		97	70-130		
2-Chlorotoluene	19.9		µg/kg wet		20.0		99	70-130		
4-Chlorotoluene	20.3		µg/kg wet		20.0		101	70-130		
1,2-Dibromo-3-chloropropane	17.2		µg/kg wet		20.0		86	70-130		
Dibromochloromethane	18.8		µg/kg wet		20.0		94	63.8-130		
1,2-Dibromoethane (EDB)	19.2		µg/kg wet		20.0		96	70-130		
Dibromomethane	19.3		µg/kg wet		20.0		96	70-130		
1,2-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,3-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
1,4-Dichlorobenzene	18.9		µg/kg wet		20.0		95	70-130		
Dichlorodifluoromethane (Freon12)	17.8		µg/kg wet		20.0		89	41.8-130		
1,1-Dichloroethane	19.5		µg/kg wet		20.0		98	70-130		
1,2-Dichloroethane	20.1		µg/kg wet		20.0		100	70-130		
1,1-Dichloroethene	19.4		µg/kg wet		20.0		97	70-130		
cis-1,2-Dichloroethene	18.2		µg/kg wet		20.0		91	70-130		
trans-1,2-Dichloroethene	17.7		µg/kg wet		20.0		89	70-130		
1,2-Dichloropropane	18.2		µg/kg wet		20.0		91	70-130		
1,3-Dichloropropane	19.2		µg/kg wet		20.0		96	70-130		
2,2-Dichloropropane	17.8		µg/kg wet		20.0		89	70-130		
1,1-Dichloropropene	17.6		µg/kg wet		20.0		88	70-130		
cis-1,3-Dichloropropene	17.8		µg/kg wet		20.0		89	70-130		
trans-1,3-Dichloropropene	18.2		µg/kg wet		20.0		91	70-130		
Ethylbenzene	18.3		µg/kg wet		20.0		91	70-130		
Hexachlorobutadiene	17.6		µg/kg wet		20.0		88	68.3-130		
2-Hexanone (MBK)	16.6		µg/kg wet		20.0		83	70-130		
Isopropylbenzene	15.7		µg/kg wet		20.0		79	70-130		
4-Isopropyltoluene	19.3		µg/kg wet		20.0		96	70-130		
Methyl tert-butyl ether	21.3		µg/kg wet		20.0		106	70-130		
4-Methyl-2-pentanone (MIBK)	16.6		µg/kg wet		20.0		83	53.1-132		
Methylene chloride	20.1		µg/kg wet		20.0		100	70-130		
Naphthalene	16.4		µg/kg wet		20.0		82	70-130		
n-Propylbenzene	18.9		µg/kg wet		20.0		94	70-130		
Styrene	18.2		µg/kg wet		20.0		91	70-130		
1,1,1,2-Tetrachloroethane	19.9		µg/kg wet		20.0		100	70-130		
1,1,2,2-Tetrachloroethane	17.2		µg/kg wet		20.0		86	70-130		
Tetrachloroethene	17.4		µg/kg wet		20.0		87	70-130		
Toluene	17.3		µg/kg wet		20.0		86	70-130		
1,2,3-Trichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
1,2,4-Trichlorobenzene	16.9		µg/kg wet		20.0		85	70-130		
1,3,5-Trichlorobenzene	19.0		µg/kg wet		20.0		95	70-130		
1,1,1-Trichloroethane	19.4		µg/kg wet		20.0		97	70-130		
1,1,2-Trichloroethane	19.8		µg/kg wet		20.0		99	70-130		
Trichloroethene	18.8		µg/kg wet		20.0		94	70-130		
Trichlorofluoromethane (Freon 11)	20.7		µg/kg wet		20.0		103	68.2-130		
1,2,3-Trichloropropane	20.9		µg/kg wet		20.0		105	70-130		
1,2,4-Trimethylbenzene	20.0		µg/kg wet		20.0		100	70-130		
1,3,5-Trimethylbenzene	19.5		µg/kg wet		20.0		98	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9022034 - SW846 5035A Soil (low level)										
LCS (9022034-BS1)										
Prepared & Analyzed: 28-Feb-09										
Vinyl chloride	20.4		µg/kg wet		20.0		102	70-130		
m,p-Xylene	39.1		µg/kg wet		40.0		98	70-130		
o-Xylene	20.2		µg/kg wet		20.0		101	70-130		
Tetrahydrofuran	17.6		µg/kg wet		20.0		88	70-130		
Ethyl ether	19.8		µg/kg wet		20.0		99	70-130		
Tert-amyl methyl ether	18.2		µg/kg wet		20.0		91	70-130		
Ethyl tert-butyl ether	19.6		µg/kg wet		20.0		98	70-130		
Di-isopropyl ether	17.6		µg/kg wet		20.0		88	70-130		
Tert-Butanol / butyl alcohol	197		µg/kg wet		200		99	70-130		
1,4-Dioxane	177		µg/kg wet		200		89	48.7-130		
trans-1,4-Dichloro-2-butene	17.4		µg/kg wet		20.0		87	70-130		
Ethanol	444		µg/kg wet		400		111	70-130		
Surrogate: 4-Bromofluorobenzene	*53.0*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*49.4*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*58.1*		µg/kg wet		*50.0*		*116*	*70-130*		
Surrogate: Dibromofluoromethane	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS Dup (9022034-BSD1)										
Prepared & Analyzed: 28-Feb-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.8		µg/kg wet		20.0		114	70-130	2	25
Acetone	9.2		µg/kg wet		20.0		46	7.9-168	27	50
Acrylonitrile	19.9		µg/kg wet		20.0		99	70-130	0.6	25
Benzene	17.8		µg/kg wet		20.0		89	70-130	2	25
Bromobenzene	20.5		µg/kg wet		20.0		102	70-130	5	25
Bromochloromethane	19.1		µg/kg wet		20.0		95	70-130	2	25
Bromodichloromethane	20.1		µg/kg wet		20.0		101	70-130	0.9	25
Bromoform	19.8		µg/kg wet		20.0		99	70-130	6	25
Bromomethane	19.2		µg/kg wet		20.0		96	50-134	6	50
2-Butanone (MEK)	17.0		µg/kg wet		20.0		85	44.6-130	6	50
n-Butylbenzene	17.8		µg/kg wet		20.0		89	70-130	4	25
sec-Butylbenzene	19.8		µg/kg wet		20.0		99	70-130	2	25
tert-Butylbenzene	20.2		µg/kg wet		20.0		101	70-130	3	25
Carbon disulfide	16.6		µg/kg wet		20.0		83	70-130	5	25
Carbon tetrachloride	19.0		µg/kg wet		20.0		95	70-130	2	25
Chlorobenzene	19.3		µg/kg wet		20.0		96	70-130	6	25
Chloroethane	17.9		µg/kg wet		20.0		90	59.2-130	2	50
Chloroform	19.4		µg/kg wet		20.0		97	70-130	4	25
Chloromethane	19.3		µg/kg wet		20.0		97	70-130	0	25
2-Chlorotoluene	20.2		µg/kg wet		20.0		101	70-130	1	25
4-Chlorotoluene	20.9		µg/kg wet		20.0		104	70-130	3	25
1,2-Dibromo-3-chloropropane	18.3		µg/kg wet		20.0		91	70-130	6	25
Dibromochloromethane	18.8		µg/kg wet		20.0		94	63.8-130	0.05	50
1,2-Dibromoethane (EDB)	19.0		µg/kg wet		20.0		95	70-130	1	25
Dibromomethane	20.3		µg/kg wet		20.0		101	70-130	5	25
1,2-Dichlorobenzene	19.5		µg/kg wet		20.0		98	70-130	2	25
1,3-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130	4	25
1,4-Dichlorobenzene	18.8		µg/kg wet		20.0		94	70-130	0.9	25
Dichlorodifluoromethane (Freon12)	18.4		µg/kg wet		20.0		92	41.8-130	3	50
1,1-Dichloroethane	19.4		µg/kg wet		20.0		97	70-130	0.7	25
1,2-Dichloroethane	21.2		µg/kg wet		20.0		106	70-130	6	25
1,1-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130	5	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9022034 - SW846 5035A Soil (low level)										
LCS Dup (9022034-BSD1)										
Prepared & Analyzed: 28-Feb-09										
cis-1,2-Dichloroethene	19.0		µg/kg wet		20.0		95	70-130	4	25
trans-1,2-Dichloroethene	18.1		µg/kg wet		20.0		91	70-130	2	25
1,2-Dichloropropane	18.6		µg/kg wet		20.0		93	70-130	2	25
1,3-Dichloropropane	18.6		µg/kg wet		20.0		93	70-130	3	25
2,2-Dichloropropane	17.0		µg/kg wet		20.0		85	70-130	5	25
1,1-Dichloropropene	17.9		µg/kg wet		20.0		89	70-130	1	25
cis-1,3-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130	5	25
trans-1,3-Dichloropropene	18.0		µg/kg wet		20.0		90	70-130	1	25
Ethylbenzene	18.8		µg/kg wet		20.0		94	70-130	3	25
Hexachlorobutadiene	17.5		µg/kg wet		20.0		88	68.3-130	0.9	50
2-Hexanone (MBK)	17.7		µg/kg wet		20.0		88	70-130	6	25
Isopropylbenzene	16.3		µg/kg wet		20.0		81	70-130	3	25
4-Isopropyltoluene	18.2		µg/kg wet		20.0		91	70-130	6	25
Methyl tert-butyl ether	21.3		µg/kg wet		20.0		107	70-130	0.4	25
4-Methyl-2-pentanone (MIBK)	19.0		µg/kg wet		20.0		95	53.1-132	14	50
Methylene chloride	19.0		µg/kg wet		20.0		95	70-130	5	25
Naphthalene	16.2		µg/kg wet		20.0		81	70-130	2	25
n-Propylbenzene	19.2		µg/kg wet		20.0		96	70-130	2	25
Styrene	19.0		µg/kg wet		20.0		95	70-130	4	25
1,1,1,2-Tetrachloroethane	20.1		µg/kg wet		20.0		101	70-130	1	25
1,1,2,2-Tetrachloroethane	18.8		µg/kg wet		20.0		94	70-130	9	25
Tetrachloroethene	17.3		µg/kg wet		20.0		86	70-130	0.6	25
Toluene	17.9		µg/kg wet		20.0		89	70-130	3	25
1,2,3-Trichlorobenzene	17.8		µg/kg wet		20.0		89	70-130	14	25
1,2,4-Trichlorobenzene	16.0		µg/kg wet		20.0		80	70-130	6	25
1,3,5-Trichlorobenzene	18.4		µg/kg wet		20.0		92	70-130	3	25
1,1,1-Trichloroethane	19.5		µg/kg wet		20.0		97	70-130	0.3	25
1,1,2-Trichloroethane	19.4		µg/kg wet		20.0		97	70-130	2	25
Trichloroethene	18.3		µg/kg wet		20.0		92	70-130	3	25
Trichlorofluoromethane (Freon 11)	20.2		µg/kg wet		20.0		101	68.2-130	3	50
1,2,3-Trichloropropane	20.7		µg/kg wet		20.0		104	70-130	1	25
1,2,4-Trimethylbenzene	20.9		µg/kg wet		20.0		105	70-130	4	25
1,3,5-Trimethylbenzene	19.9		µg/kg wet		20.0		100	70-130	2	25
Vinyl chloride	19.9		µg/kg wet		20.0		100	70-130	2	25
m,p-Xylene	40.8		µg/kg wet		40.0		102	70-130	4	25
o-Xylene	20.8		µg/kg wet		20.0		104	70-130	2	25
Tetrahydrofuran	16.0		µg/kg wet		20.0		80	70-130	9	25
Ethyl ether	18.8		µg/kg wet		20.0		94	70-130	5	50
Tert-amyl methyl ether	17.8		µg/kg wet		20.0		89	70-130	2	25
Ethyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130	2	25
Di-isopropyl ether	18.2		µg/kg wet		20.0		91	70-130	4	25
Tert-Butanol / butyl alcohol	207		µg/kg wet		200		103	70-130	5	25
1,4-Dioxane	173		µg/kg wet		200		86	48.7-130	3	25
trans-1,4-Dichloro-2-butene	19.4		µg/kg wet		20.0		97	70-130	11	25
Ethanol	444		µg/kg wet		400		111	70-130	0.009	30
Surrogate: 4-Bromofluorobenzene	*54.0*		µg/kg wet		*50.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*49.5*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*55.6*		µg/kg wet		*50.0*		*111*	*70-130*		
Surrogate: Dibromofluoromethane	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9030002 - SW846 5030 Soil (high level)										
Blank (9030002-BLK1)										
Prepared & Analyzed: 01-Mar-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	10.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9030002 - SW846 5030 Soil (high level)										
Blank (9030002-BLK1)										
Prepared & Analyzed: 01-Mar-09										
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	5.0						
Ethanol	BRL		µg/kg wet	400						
Surrogate: 4-Bromofluorobenzene	*24.0*		µg/kg wet		*30.0*		*80*	*70-130*		
Surrogate: Toluene-d8	*25.1*		µg/kg wet		*30.0*		*84*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*34.0*		µg/kg wet		*30.0*		*113*	*70-130*		
Surrogate: Dibromofluoromethane	*28.3*		µg/kg wet		*30.0*		*94*	*70-130*		
LCS (9030002-BS1)										
Prepared & Analyzed: 01-Mar-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.4		µg/kg wet		20.0		97	70-130		
Acetone	17.0		µg/kg wet		20.0		85	7.9-168		
Acrylonitrile	19.1		µg/kg wet		20.0		96	70-130		
Benzene	17.0		µg/kg wet		20.0		85	70-130		
Bromobenzene	21.0		µg/kg wet		20.0		105	70-130		
Bromochloromethane	16.7		µg/kg wet		20.0		83	70-130		
Bromodichloromethane	18.2		µg/kg wet		20.0		91	70-130		
Bromoform	21.9		µg/kg wet		20.0		110	70-130		
Bromomethane	20.6		µg/kg wet		20.0		103	50-134		
2-Butanone (MEK)	17.6		µg/kg wet		20.0		88	44.6-130		
n-Butylbenzene	19.8		µg/kg wet		20.0		99	70-130		
sec-Butylbenzene	22.0		µg/kg wet		20.0		110	70-130		
tert-Butylbenzene	19.2		µg/kg wet		20.0		96	70-130		
Carbon disulfide	12.9	QC2	µg/kg wet		20.0		64	70-130		
Carbon tetrachloride	17.5		µg/kg wet		20.0		87	70-130		
Chlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
Chloroethane	18.0		µg/kg wet		20.0		90	59.2-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9030002 - SW846 5030 Soil (high level)										
LCS (9030002-BS1)										
Prepared & Analyzed: 01-Mar-09										
Chloroform	18.7		µg/kg wet		20.0		94	70-130		
Chloromethane	17.9		µg/kg wet		20.0		90	70-130		
2-Chlorotoluene	21.7		µg/kg wet		20.0		108	70-130		
4-Chlorotoluene	20.6		µg/kg wet		20.0		103	70-130		
1,2-Dibromo-3-chloropropane	22.0		µg/kg wet		20.0		110	70-130		
Dibromochloromethane	15.9		µg/kg wet		20.0		80	63.8-130		
1,2-Dibromoethane (EDB)	17.9		µg/kg wet		20.0		89	70-130		
Dibromomethane	16.9		µg/kg wet		20.0		84	70-130		
1,2-Dichlorobenzene	23.4		µg/kg wet		20.0		117	70-130		
1,3-Dichlorobenzene	22.9		µg/kg wet		20.0		115	70-130		
1,4-Dichlorobenzene	20.1		µg/kg wet		20.0		101	70-130		
Dichlorodifluoromethane (Freon12)	18.4		µg/kg wet		20.0		92	41.8-130		
1,1-Dichloroethane	16.5		µg/kg wet		20.0		83	70-130		
1,2-Dichloroethane	19.2		µg/kg wet		20.0		96	70-130		
1,1-Dichloroethene	17.1		µg/kg wet		20.0		86	70-130		
cis-1,2-Dichloroethene	17.0		µg/kg wet		20.0		85	70-130		
trans-1,2-Dichloroethene	15.4		µg/kg wet		20.0		77	70-130		
1,2-Dichloropropane	17.6		µg/kg wet		20.0		88	70-130		
1,3-Dichloropropane	17.6		µg/kg wet		20.0		88	70-130		
2,2-Dichloropropane	17.2		µg/kg wet		20.0		86	70-130		
1,1-Dichloropropene	19.8		µg/kg wet		20.0		99	70-130		
cis-1,3-Dichloropropene	19.7		µg/kg wet		20.0		98	70-130		
trans-1,3-Dichloropropene	16.2		µg/kg wet		20.0		81	70-130		
Ethylbenzene	21.7		µg/kg wet		20.0		108	70-130		
Hexachlorobutadiene	21.6		µg/kg wet		20.0		108	68.3-130		
2-Hexanone (MBK)	15.3		µg/kg wet		20.0		76	70-130		
Isopropylbenzene	18.3		µg/kg wet		20.0		92	70-130		
4-Isopropyltoluene	19.9		µg/kg wet		20.0		99	70-130		
Methyl tert-butyl ether	17.0		µg/kg wet		20.0		85	70-130		
4-Methyl-2-pentanone (MIBK)	13.6		µg/kg wet		20.0		68	53.1-132		
Methylene chloride	17.0		µg/kg wet		20.0		85	70-130		
Naphthalene	17.9		µg/kg wet		20.0		89	70-130		
n-Propylbenzene	20.1		µg/kg wet		20.0		100	70-130		
Styrene	19.2		µg/kg wet		20.0		96	70-130		
1,1,1,2-Tetrachloroethane	21.0		µg/kg wet		20.0		105	70-130		
1,1,2,2-Tetrachloroethane	22.1		µg/kg wet		20.0		110	70-130		
Tetrachloroethene	17.0		µg/kg wet		20.0		85	70-130		
Toluene	16.6		µg/kg wet		20.0		83	70-130		
1,2,3-Trichlorobenzene	19.6		µg/kg wet		20.0		98	70-130		
1,2,4-Trichlorobenzene	23.1		µg/kg wet		20.0		115	70-130		
1,3,5-Trichlorobenzene	21.1		µg/kg wet		20.0		106	70-130		
1,1,1-Trichloroethane	20.3		µg/kg wet		20.0		101	70-130		
1,1,2-Trichloroethane	17.8		µg/kg wet		20.0		89	70-130		
Trichloroethene	17.8		µg/kg wet		20.0		89	70-130		
Trichlorofluoromethane (Freon 11)	17.6		µg/kg wet		20.0		88	68.2-130		
1,2,3-Trichloropropane	24.1		µg/kg wet		20.0		121	70-130		
1,2,4-Trimethylbenzene	19.7		µg/kg wet		20.0		99	70-130		
1,3,5-Trimethylbenzene	18.9		µg/kg wet		20.0		94	70-130		
Vinyl chloride	17.7		µg/kg wet		20.0		88	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9030002 - SW846 5030 Soil (high level)										
LCS (9030002-BS1)										
Prepared & Analyzed: 01-Mar-09										
m,p-Xylene	40.9		µg/kg wet		40.0		102	70-130		
o-Xylene	21.4		µg/kg wet		20.0		107	70-130		
Tetrahydrofuran	21.0		µg/kg wet		20.0		105	70-130		
Ethyl ether	17.6		µg/kg wet		20.0		88	70-130		
Tert-amyl methyl ether	18.2		µg/kg wet		20.0		91	70-130		
Ethyl tert-butyl ether	16.4		µg/kg wet		20.0		82	70-130		
Di-isopropyl ether	16.0		µg/kg wet		20.0		80	70-130		
Tert-Butanol / butyl alcohol	198		µg/kg wet		200		99	70-130		
1,4-Dioxane	172		µg/kg wet		200		86	48.7-130		
trans-1,4-Dichloro-2-butene	22.7		µg/kg wet		20.0		113	70-130		
Ethanol	406		µg/kg wet		400		102	70-130		
Surrogate: 4-Bromofluorobenzene	*30.3*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*27.6*		µg/kg wet		*30.0*		*92*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.1*		µg/kg wet		*30.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*27.0*		µg/kg wet		*30.0*		*90*	*70-130*		
LCS Dup (9030002-BSD1)										
Prepared & Analyzed: 01-Mar-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.8		µg/kg wet		20.0		99	70-130	2	25
Acetone	17.4		µg/kg wet		20.0		87	7.9-168	2	50
Acrylonitrile	21.0		µg/kg wet		20.0		105	70-130	9	25
Benzene	17.7		µg/kg wet		20.0		89	70-130	4	25
Bromobenzene	22.3		µg/kg wet		20.0		112	70-130	6	25
Bromochloromethane	18.0		µg/kg wet		20.0		90	70-130	8	25
Bromodichloromethane	18.6		µg/kg wet		20.0		93	70-130	2	25
Bromoform	23.1		µg/kg wet		20.0		116	70-130	5	25
Bromomethane	22.0		µg/kg wet		20.0		110	50-134	7	50
2-Butanone (MEK)	20.3		µg/kg wet		20.0		102	44.6-130	14	50
n-Butylbenzene	19.2		µg/kg wet		20.0		96	70-130	3	25
sec-Butylbenzene	22.2		µg/kg wet		20.0		111	70-130	0.7	25
tert-Butylbenzene	19.2		µg/kg wet		20.0		96	70-130	0.2	25
Carbon disulfide	12.8	QC2	µg/kg wet		20.0		64	70-130	1	25
Carbon tetrachloride	17.6		µg/kg wet		20.0		88	70-130	0.9	25
Chlorobenzene	21.5		µg/kg wet		20.0		108	70-130	3	25
Chloroethane	17.8		µg/kg wet		20.0		89	59.2-130	1	50
Chloroform	19.7		µg/kg wet		20.0		98	70-130	5	25
Chloromethane	18.3		µg/kg wet		20.0		92	70-130	2	25
2-Chlorotoluene	22.3		µg/kg wet		20.0		111	70-130	3	25
4-Chlorotoluene	20.9		µg/kg wet		20.0		105	70-130	2	25
1,2-Dibromo-3-chloropropane	22.0		µg/kg wet		20.0		110	70-130	0.1	25
Dibromochloromethane	17.1		µg/kg wet		20.0		86	63.8-130	7	50
1,2-Dibromoethane (EDB)	18.8		µg/kg wet		20.0		94	70-130	5	25
Dibromomethane	18.4		µg/kg wet		20.0		92	70-130	9	25
1,2-Dichlorobenzene	24.3		µg/kg wet		20.0		122	70-130	4	25
1,3-Dichlorobenzene	24.2		µg/kg wet		20.0		121	70-130	5	25
1,4-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	4	25
Dichlorodifluoromethane (Freon12)	18.4		µg/kg wet		20.0		92	41.8-130	0.1	50
1,1-Dichloroethane	17.2		µg/kg wet		20.0		86	70-130	4	25
1,2-Dichloroethane	20.7		µg/kg wet		20.0		103	70-130	7	25
1,1-Dichloroethene	17.5		µg/kg wet		20.0		87	70-130	2	25
cis-1,2-Dichloroethene	17.6		µg/kg wet		20.0		88	70-130	4	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9030002 - SW846 5030 Soil (high level)										
LCS Dup (9030002-BSD1)										
Prepared & Analyzed: 01-Mar-09										
trans-1,2-Dichloroethene	15.8		µg/kg wet		20.0		79	70-130	3	25
1,2-Dichloropropane	18.5		µg/kg wet		20.0		93	70-130	5	25
1,3-Dichloropropane	18.9		µg/kg wet		20.0		94	70-130	7	25
2,2-Dichloropropane	17.5		µg/kg wet		20.0		88	70-130	2	25
1,1-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130	3	25
cis-1,3-Dichloropropene	20.0		µg/kg wet		20.0		100	70-130	1	25
trans-1,3-Dichloropropene	16.7		µg/kg wet		20.0		83	70-130	3	25
Ethylbenzene	21.6		µg/kg wet		20.0		108	70-130	0.2	25
Hexachlorobutadiene	20.3		µg/kg wet		20.0		101	68.3-130	6	50
2-Hexanone (MBK)	15.9		µg/kg wet		20.0		80	70-130	4	25
Isopropylbenzene	18.6		µg/kg wet		20.0		93	70-130	2	25
4-Isopropyltoluene	19.6		µg/kg wet		20.0		98	70-130	2	25
Methyl tert-butyl ether	18.4		µg/kg wet		20.0		92	70-130	8	25
4-Methyl-2-pentanone (MIBK)	15.3		µg/kg wet		20.0		77	53.1-132	12	50
Methylene chloride	17.6		µg/kg wet		20.0		88	70-130	3	25
Naphthalene	17.8		µg/kg wet		20.0		89	70-130	0.6	25
n-Propylbenzene	19.9		µg/kg wet		20.0		99	70-130	1	25
Styrene	19.0		µg/kg wet		20.0		95	70-130	0.7	25
1,1,1,2-Tetrachloroethane	22.6		µg/kg wet		20.0		113	70-130	7	25
1,1,2,2-Tetrachloroethane	24.0		µg/kg wet		20.0		120	70-130	8	25
Tetrachloroethene	17.5		µg/kg wet		20.0		88	70-130	3	25
Toluene	16.9		µg/kg wet		20.0		85	70-130	2	25
1,2,3-Trichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	0.9	25
1,2,4-Trichlorobenzene	22.6		µg/kg wet		20.0		113	70-130	2	25
1,3,5-Trichlorobenzene	20.8		µg/kg wet		20.0		104	70-130	2	25
1,1,1-Trichloroethane	21.1		µg/kg wet		20.0		105	70-130	4	25
1,1,2-Trichloroethane	19.7		µg/kg wet		20.0		99	70-130	10	25
Trichloroethene	18.3		µg/kg wet		20.0		91	70-130	3	25
Trichlorofluoromethane (Freon 11)	17.5		µg/kg wet		20.0		87	68.2-130	0.7	50
1,2,3-Trichloropropane	26.5	QC1	µg/kg wet		20.0		133	70-130	9	25
1,2,4-Trimethylbenzene	19.7		µg/kg wet		20.0		99	70-130	0.1	25
1,3,5-Trimethylbenzene	18.9		µg/kg wet		20.0		94	70-130	0.1	25
Vinyl chloride	19.0		µg/kg wet		20.0		95	70-130	7	25
m,p-Xylene	41.9		µg/kg wet		40.0		105	70-130	3	25
o-Xylene	21.9		µg/kg wet		20.0		109	70-130	2	25
Tetrahydrofuran	24.2		µg/kg wet		20.0		121	70-130	14	25
Ethyl ether	18.5		µg/kg wet		20.0		92	70-130	5	50
Tert-amyl methyl ether	19.9		µg/kg wet		20.0		100	70-130	9	25
Ethyl tert-butyl ether	17.8		µg/kg wet		20.0		89	70-130	9	25
Di-isopropyl ether	17.1		µg/kg wet		20.0		86	70-130	7	25
Tert-Butanol / butyl alcohol	209		µg/kg wet		200		105	70-130	6	25
1,4-Dioxane	177		µg/kg wet		200		88	48.7-130	3	25
trans-1,4-Dichloro-2-butene	25.0		µg/kg wet		20.0		125	70-130	10	25
Ethanol	410		µg/kg wet		400		103	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*30.9*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*27.2*		µg/kg wet		*30.0*		*91*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*33.6*		µg/kg wet		*30.0*		*112*	*70-130*		
Surrogate: Dibromofluoromethane	*27.6*		µg/kg wet		*30.0*		*92*	*70-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021813 - SW846 3545A										
Blank (9021813-BLK1)										
Prepared & Analyzed: 26-Feb-09										
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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021813 - SW846 3545A										
Blank (9021813-BLK1)										
Prepared & Analyzed: 26-Feb-09										
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	*2660*		µg/kg wet		*3330*		*80*	*30-130*		
Surrogate: 2-Fluorophenol	*2360*		µg/kg wet		*3330*		*71*	*15-110*		
Surrogate: Nitrobenzene-d5	*2540*		µg/kg wet		*3330*		*76*	*30-130*		
Surrogate: Phenol-d5	*2110*		µg/kg wet		*3330*		*63*	*15-110*		
Surrogate: Terphenyl-dl4	*2110*		µg/kg wet		*3330*		*63*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2430*		µg/kg wet		*3330*		*73*	*15-110*		
LCS (9021813-BS1)										
Prepared & Analyzed: 26-Feb-09										
Acenaphthene	2630		µg/kg wet	330	3330		79	40-130		
Acenaphthylene	2630		µg/kg wet	330	3330		79	40-130		
Aniline	1800		µg/kg wet	330	3330		54	40-130		
Anthracene	2840		µg/kg wet	330	3330		85	40-130		
Atrazine	2470		µg/kg wet	330	3330		74	40-130		
Azobenzene/Diphenyldiazine	2770		µg/kg wet	330	3330		83	40-130		
Benzidine	729		µg/kg wet	330	3330		22	0-130		
Benzo (a) anthracene	2330		µg/kg wet	330	3330		70	40-130		
Benzo (a) pyrene	2670		µg/kg wet	330	3330		80	40-130		
Benzo (b) fluoranthene	2640		µg/kg wet	330	3330		79	40-130		
Benzo (g,h,i) perylene	2570		µg/kg wet	330	3330		77	40-130		
Benzo (k) fluoranthene	3020		µg/kg wet	330	3330		90	40-130		
Benzoic acid	233	QC2	µg/kg wet	330	3330		7	19.5-130		
Benzyl alcohol	2400		µg/kg wet	330	3330		72	40-130		
Bis(2-chloroethoxy)methane	2920		µg/kg wet	330	3330		88	40-130		
Bis(2-chloroethyl)ether	2860		µg/kg wet	330	3330		86	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 9021813 - SW846 3545A										
LCS (9021813-BS1)										
Prepared & Analyzed: 26-Feb-09										
Bis(2-chloroisopropyl)ether	3060		µg/kg wet	330	3330		92	40-130		
Bis(2-ethylhexyl)phthalate	2860		µg/kg wet	330	3330		86	40-130		
4-Bromophenyl phenyl ether	3080		µg/kg wet	330	3330		92	40-130		
Butyl benzyl phthalate	2890		µg/kg wet	330	3330		87	40-130		
Carbazole	2990		µg/kg wet	330	3330		90	40-130		
4-Chloro-3-methylphenol	2750		µg/kg wet	330	3330		83	40-130		
4-Chloroaniline	2240		µg/kg wet	330	3330		67	40-130		
2-Chloronaphthalene	2540		µg/kg wet	330	3330		76	40-130		
2-Chlorophenol	2410		µg/kg wet	330	3330		72	40-130		
4-Chlorophenyl phenyl ether	2670		µg/kg wet	330	3330		80	40-130		
Chrysene	2510		µg/kg wet	330	3330		75	40-130		
Dibenzo (a,h) anthracene	2560		µg/kg wet	330	3330		77	40-130		
Dibenzofuran	2610		µg/kg wet	330	3330		78	40-130		
1,2-Dichlorobenzene	2450		µg/kg wet	330	3330		73	40-130		
1,3-Dichlorobenzene	2380		µg/kg wet	330	3330		71	40-130		
1,4-Dichlorobenzene	2470		µg/kg wet	330	3330		74	40-130		
3,3'-Dichlorobenzidine	2460		µg/kg wet	330	3330		74	40-130		
2,4-Dichlorophenol	2660		µg/kg wet	330	3330		80	40-130		
Diethyl phthalate	2740		µg/kg wet	330	3330		82	40-130		
Dimethyl phthalate	2850		µg/kg wet	330	3330		86	40-130		
2,4-Dimethylphenol	2390		µg/kg wet	330	3330		72	40-130		
Di-n-butyl phthalate	3150		µg/kg wet	330	3330		94	40-130		
4,6-Dinitro-2-methylphenol	2300		µg/kg wet	330	3330		69	40-130		
2,4-Dinitrophenol	1220	QC2	µg/kg wet	330	3330		37	40-130		
2,4-Dinitrotoluene	2840		µg/kg wet	330	3330		85	40-130		
2,6-Dinitrotoluene	2720		µg/kg wet	330	3330		82	40-130		
Di-n-octyl phthalate	3090		µg/kg wet	330	3330		93	40-130		
Fluoranthene	2820		µg/kg wet	330	3330		84	40-130		
Fluorene	2610		µg/kg wet	330	3330		78	40-130		
Hexachlorobenzene	2640		µg/kg wet	330	3330		79	40-130		
Hexachlorobutadiene	2430		µg/kg wet	330	3330		73	40-130		
Hexachlorocyclopentadiene	2080		µg/kg wet	330	3330		62	40-130		
Hexachloroethane	2370		µg/kg wet	330	3330		71	40-130		
Indeno (1,2,3-cd) pyrene	2640		µg/kg wet	330	3330		79	40-130		
1-Methylnaphthalene	2690		µg/kg wet	330	3330		81	40-140		
Isophorone	2490		µg/kg wet	330	3330		75	40-130		
2-Methylnaphthalene	2500		µg/kg wet	330	3330		75	40-130		
2-Methylphenol	2580		µg/kg wet	330	3330		78	40-130		
3 & 4-Methylphenol	2380		µg/kg wet	330	3330		72	40-130		
Naphthalene	2570		µg/kg wet	330	3330		77	40-130		
2-Nitroaniline	2830		µg/kg wet	330	3330		85	40-130		
3-Nitroaniline	2450		µg/kg wet	330	3330		74	40-130		
4-Nitroaniline	2820		µg/kg wet	1320	3330		84	40-130		
Nitrobenzene	2570		µg/kg wet	330	3330		77	40-130		
2-Nitrophenol	2670		µg/kg wet	330	3330		80	40-130		
4-Nitrophenol	2760		µg/kg wet	1320	3330		83	40-130		
N-Nitrosodimethylamine	2950		µg/kg wet	330	3330		88	40-130		
N-Nitrosodi-n-propylamine	2740		µg/kg wet	330	3330		82	40-130		
N-Nitrosodiphenylamine	3190		µg/kg wet	330	3330		96	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 9021813 - SW846 3545A										
LCS (9021813-BS1)										
Prepared & Analyzed: 26-Feb-09										
Pentachlorophenol	2880		µg/kg wet	330	3330		86	40-130		
Phenanthrene	2770		µg/kg wet	330	3330		83	40-130		
Phenol	2680		µg/kg wet	330	3330		80	40-130		
Pyrene	2510		µg/kg wet	330	3330		75	40-130		
Pyridine	2360		µg/kg wet	330	3330		71	0-130		
1,2,4-Trichlorobenzene	2420		µg/kg wet	330	3330		73	40-130		
2,4,5-Trichlorophenol	2790		µg/kg wet	330	3330		84	40-130		
2,4,6-Trichlorophenol	2360		µg/kg wet	330	3330		71	40-130		
Pentachloronitrobenzene	2370		µg/kg wet	330	3330		71	40-140		
1,2,4,5-Tetrachlorobenzene	2590		µg/kg wet	330	3330		78	40-140		
Surrogate: 2-Fluorobiphenyl	*2600*		µg/kg wet		*3330*		*78*	*30-130*		
Surrogate: 2-Fluorophenol	*2580*		µg/kg wet		*3330*		*77*	*15-110*		
Surrogate: Nitrobenzene-d5	*2690*		µg/kg wet		*3330*		*81*	*30-130*		
Surrogate: Phenol-d5	*2230*		µg/kg wet		*3330*		*67*	*15-110*		
Surrogate: Terphenyl-d14	*2440*		µg/kg wet		*3330*		*73*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2930*		µg/kg wet		*3330*		*88*	*15-110*		
Duplicate (9021813-DUP1)	**Source: SA91375-03**									
Prepared & Analyzed: 26-Feb-09										
Acenaphthene	BRL		µg/kg dry	875		BRL				50
Acenaphthylene	BRL		µg/kg dry	875		BRL				50
Aniline	BRL		µg/kg dry	875		BRL				50
Anthracene	BRL		µg/kg dry	875		BRL				50
Atrazine	BRL		µg/kg dry	875		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	875		BRL				50
Benzidine	BRL		µg/kg dry	875		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	875		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	875		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	875		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	875		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	875		BRL				50
Benzoic acid	BRL		µg/kg dry	875		BRL				50
Benzyl alcohol	BRL		µg/kg dry	875		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	875		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	875		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	875		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	875		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	875		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	875		BRL				50
Carbazole	BRL		µg/kg dry	875		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	875		BRL				50
4-Chloroaniline	BRL		µg/kg dry	875		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	875		BRL				50
2-Chlorophenol	BRL		µg/kg dry	875		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	875		BRL				50
Chrysene	BRL		µg/kg dry	875		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	875		BRL				50
Dibenzofuran	BRL		µg/kg dry	875		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	875		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	875		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	875		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021813 - SW846 3545A										
Duplicate (9021813-DUP1)	**Source: SA91375-03**									
Prepared & Analyzed: 26-Feb-09										
3,3'-Dichlorobenzidine	BRL		µg/kg dry	875		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	875		BRL				50
Diethyl phthalate	BRL		µg/kg dry	875		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	875		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	875		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	875		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	875		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	875		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	875		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	875		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	875		BRL				50
Fluoranthene	BRL		µg/kg dry	875		108				50
Fluorene	BRL		µg/kg dry	875		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	875		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	875		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	875		BRL				50
Hexachloroethane	BRL		µg/kg dry	875		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	875		BRL				50
Isophorone	BRL		µg/kg dry	875		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	875		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	875		BRL				50
2-Methylphenol	BRL		µg/kg dry	875		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	875		BRL				50
Naphthalene	BRL		µg/kg dry	875		BRL				50
2-Nitroaniline	BRL		µg/kg dry	875		BRL				50
3-Nitroaniline	BRL		µg/kg dry	875		BRL				50
4-Nitroaniline	BRL		µg/kg dry	3500		BRL				50
Nitrobenzene	BRL		µg/kg dry	875		BRL				50
2-Nitrophenol	BRL		µg/kg dry	875		BRL				50
4-Nitrophenol	BRL		µg/kg dry	3500		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	875		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	875		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	875		BRL				50
Pentachlorophenol	BRL		µg/kg dry	875		BRL				50
Phenanthrene	BRL		µg/kg dry	875		BRL				50
Phenol	BRL		µg/kg dry	875		BRL				50
Pyrene	BRL		µg/kg dry	875		BRL				50
Pyridine	BRL		µg/kg dry	875		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	875		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	875		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	875		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	875		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	875		BRL				50
Surrogate: 2-Fluorobiphenyl	*3650*		µg/kg dry		*4420*		*83*	*30-130*		
Surrogate: 2-Fluorophenol	*3250*		µg/kg dry		*4420*		*74*	*15-110*		
Surrogate: Nitrobenzene-d5	*3380*		µg/kg dry		*4420*		*77*	*30-130*		
Surrogate: Phenol-d5	*2830*		µg/kg dry		*4420*		*64*	*15-110*		
Surrogate: Terphenyl-dl4	*3230*		µg/kg dry		*4420*		*73*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3290*		µg/kg dry		*4420*		*74*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021813 - SW846 3545A										
Matrix Spike (9021813-MS1)	**Source: SA91375-03**									
Prepared & Analyzed: 26-Feb-09										
Acenaphthene	3040		µg/kg dry	445	4500	BRL	68	40-140		
Benzo (b) fluoranthene	2810		µg/kg dry	445	4500	BRL	62	40-140		
Benzo (k) fluoranthene	3930		µg/kg dry	445	4500	BRL	87	40-140		
4-Chloro-3-methylphenol	3210		µg/kg dry	445	4500	BRL	71	30-130		
2-Chlorophenol	2890		µg/kg dry	445	4500	BRL	64	30-130		
Chrysene	2940		µg/kg dry	445	4500	BRL	65	40-140		
1,4-Dichlorobenzene	2930		µg/kg dry	445	4500	BRL	65	40-140		
Indeno (1,2,3-cd) pyrene	3040		µg/kg dry	445	4500	BRL	68	40-140		
Naphthalene	3020		µg/kg dry	445	4500	BRL	67	40-140		
4-Nitrophenol	2920		µg/kg dry	1780	4500	BRL	65	30-130		
N-Nitrosodi-n-propylamine	3200		µg/kg dry	445	4500	BRL	71	40-140		
Pentachlorophenol	3410		µg/kg dry	445	4500	BRL	76	30-130		
Phenol	4160		µg/kg dry	445	4500	BRL	92	30-130		
Pyrene	2940		µg/kg dry	445	4500	BRL	65	40-140		
1,2,4-Trichlorobenzene	2830		µg/kg dry	445	4500	BRL	63	40-140		
Surrogate: 2-Fluorobiphenyl	*3070*		µg/kg dry		*4500*		*68*	*30-130*		
Surrogate: 2-Fluorophenol	*3080*		µg/kg dry		*4500*		*68*	*15-110*		
Surrogate: Nitrobenzene-d5	*3180*		µg/kg dry		*4500*		*71*	*30-130*		
Surrogate: Phenol-d5	*2630*		µg/kg dry		*4500*		*58*	*15-110*		
Surrogate: Terphenyl-dl4	*2900*		µg/kg dry		*4500*		*64*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3520*		µg/kg dry		*4500*		*78*	*15-110*		
Matrix Spike Dup (9021813-MSD1)	**Source: SA91375-03**									
Prepared: 26-Feb-09 Analyzed: 27-Feb-09										
Acenaphthene	2950		µg/kg dry	433	4370	BRL	67	40-140	0.3	30
Benzo (b) fluoranthene	2670		µg/kg dry	433	4370	BRL	61	40-140	2	30
Benzo (k) fluoranthene	3910		µg/kg dry	433	4370	BRL	89	40-140	2	30
4-Chloro-3-methylphenol	3100		µg/kg dry	433	4370	BRL	71	30-130	0.8	30
2-Chlorophenol	2770		µg/kg dry	433	4370	BRL	63	30-130	1	30
Chrysene	2810		µg/kg dry	433	4370	BRL	64	40-140	2	30
1,4-Dichlorobenzene	2690		µg/kg dry	433	4370	BRL	61	40-140	6	30
Indeno (1,2,3-cd) pyrene	2940		µg/kg dry	433	4370	BRL	67	40-140	0.3	30
Naphthalene	2860		µg/kg dry	433	4370	BRL	65	40-140	3	30
4-Nitrophenol	2730		µg/kg dry	1730	4370	BRL	63	30-130	4	30
N-Nitrosodi-n-propylamine	3130		µg/kg dry	433	4370	BRL	72	40-140	0.7	30
Pentachlorophenol	3270		µg/kg dry	433	4370	BRL	75	30-130	1	30
Phenol	3450		µg/kg dry	433	4370	BRL	79	30-130	16	30
Pyrene	2870		µg/kg dry	433	4370	BRL	66	40-140	0.2	30
1,2,4-Trichlorobenzene	2680		µg/kg dry	433	4370	BRL	61	40-140	3	30
Surrogate: 2-Fluorobiphenyl	*2840*		µg/kg dry		*4370*		*65*	*30-130*		
Surrogate: 2-Fluorophenol	*2830*		µg/kg dry		*4370*		*65*	*15-110*		
Surrogate: Nitrobenzene-d5	*2900*		µg/kg dry		*4370*		*66*	*30-130*		
Surrogate: Phenol-d5	*2490*		µg/kg dry		*4370*		*57*	*15-110*		
Surrogate: Terphenyl-dl4	*2710*		µg/kg dry		*4370*		*62*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3210*		µg/kg dry		*4370*		*73*	*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 9021816 - SW846 3550B										
Blank (9021816-BLK1)										
Prepared & Analyzed: 26-Feb-09										
Aroclor-1016	BRL		µg/kg wet	20.0						
Aroclor-1016 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1221	BRL		µg/kg wet	20.0						
Aroclor-1221 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1232	BRL		µg/kg wet	20.0						
Aroclor-1232 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1242	BRL		µg/kg wet	20.0						
Aroclor-1242 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1248	BRL		µg/kg wet	20.0						
Aroclor-1248 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1254	BRL		µg/kg wet	20.0						
Aroclor-1254 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1260	BRL		µg/kg wet	20.0						
Aroclor-1260 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1262	BRL		µg/kg wet	20.0						
Aroclor-1262 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1268	BRL		µg/kg wet	20.0						
Aroclor-1268 [2C]	BRL		µg/kg wet	20.0						
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*12.0*		µg/kg wet		*20.0*		*60*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
LCS (9021816-BS1)										
Prepared & Analyzed: 26-Feb-09										
Aroclor-1016	277		µg/kg wet	20.0	250		111	50-140		
Aroclor-1016 [2C]	275		µg/kg wet	20.0	250		110	50-140		
Aroclor-1260	278		µg/kg wet	20.0	250		111	50-140		
Aroclor-1260 [2C]	267		µg/kg wet	20.0	250		107	50-140		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*13.0*		µg/kg wet		*20.0*		*65*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
LCS Dup (9021816-BSD1)										
Prepared & Analyzed: 26-Feb-09										
Aroclor-1016	278		µg/kg wet	20.0	250		111	50-140	0.5	30
Aroclor-1016 [2C]	278		µg/kg wet	20.0	250		111	50-140	1	30
Aroclor-1260	276		µg/kg wet	20.0	250		111	50-140	0.4	30
Aroclor-1260 [2C]	279		µg/kg wet	20.0	250		111	50-140	4	30
Surrogate: Decachlorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*13.0*		µg/kg wet		*20.0*		*65*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Duplicate (9021816-DUP1) **Source: SA91443-02**										
Prepared & Analyzed: 26-Feb-09										
Aroclor-1016	BRL		µg/kg dry	22.4		BRL				40
Aroclor-1016 [2C]	BRL		µg/kg dry	22.4		BRL				40
Aroclor-1221	BRL		µg/kg dry	22.4		BRL				40
Aroclor-1221 [2C]	BRL		µg/kg dry	22.4		BRL				40
Aroclor-1232	BRL		µg/kg dry	22.4		BRL				40
Aroclor-1232 [2C]	BRL		µg/kg dry	22.4		BRL				40

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021816 - SW846 3550B										
Duplicate (9021816-DUP1) Source: SA91443-02										
Prepared & Analyzed: 26-Feb-09										
Aroclor-1242	BRL		µg/kg dry	22.4		BRL				40
Aroclor-1242 [2C]	BRL		µg/kg dry	22.4		BRL				40
Aroclor-1248	BRL		µg/kg dry	22.4		BRL				40
Aroclor-1248 [2C]	BRL		µg/kg dry	22.4		BRL				40
Aroclor-1254	BRL		µg/kg dry	22.4		BRL				40
Aroclor-1254 [2C]	BRL		µg/kg dry	22.4		BRL				40
Aroclor-1260	BRL		µg/kg dry	22.4		BRL				40
Aroclor-1260 [2C]	BRL		µg/kg dry	22.4		BRL				40
Aroclor-1262	BRL		µg/kg dry	22.4		BRL				40
Aroclor-1262 [2C]	BRL		µg/kg dry	22.4		BRL				40
Aroclor-1268	BRL		µg/kg dry	22.4		BRL				40
Aroclor-1268 [2C]	BRL		µg/kg dry	22.4		BRL				40
Surrogate: Decachlorobiphenyl (Sr)	*20.2*		µg/kg dry		*22.4*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*13.4*		µg/kg dry		*22.4*		*60*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.5*		µg/kg dry		*22.4*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*24.7*		µg/kg dry		*22.4*		*110*	*30-150*		
Matrix Spike (9021816-MS1) Source: SA91443-02										
Prepared & Analyzed: 26-Feb-09										
Aroclor-1016	331		µg/kg dry	23.1	288	BRL	115	40-135		
Aroclor-1016 [2C]	341		µg/kg dry	23.1	288	BRL	118	40-135		
Aroclor-1260	346		µg/kg dry	23.1	288	BRL	120	40-135		
Aroclor-1260 [2C]	352		µg/kg dry	23.1	288	BRL	122	40-135		
Surrogate: Decachlorobiphenyl (Sr)	*20.7*		µg/kg dry		*23.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*16.1*		µg/kg dry		*23.0*		*70*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*25.3*		µg/kg dry		*23.0*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*25.3*		µg/kg dry		*23.0*		*110*	*30-150*		
Matrix Spike Dup (9021816-MSD1) Source: SA91443-02										
Prepared & Analyzed: 26-Feb-09										
Aroclor-1016	318		µg/kg dry	22.6	282	BRL	112	40-135	2	15
Aroclor-1016 [2C]	298		µg/kg dry	22.6	282	BRL	106	40-135	12	15
Aroclor-1260	324		µg/kg dry	22.6	282	BRL	115	40-135	4	20
Aroclor-1260 [2C]	293		µg/kg dry	22.6	282	BRL	104	40-135	16	20
Surrogate: Decachlorobiphenyl (Sr)	*20.3*		µg/kg dry		*22.6*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*12.4*		µg/kg dry		*22.6*		*55*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.7*		µg/kg dry		*22.6*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*24.9*		µg/kg dry		*22.6*		*110*	*30-150*		
Batch 9021818 - SW846 3550B										
Blank (9021818-BLK1)										
Prepared & Analyzed: 26-Feb-09										
2,4,5-T	BRL		µg/kg wet	6.70						
2,4,5-T [2C]	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex)	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex) [2C]	BRL		µg/kg wet	6.70						
2,4-D	BRL		µg/kg wet	6.70						
2,4-D [2C]	BRL		µg/kg wet	6.70						
2,4-DB	BRL		µg/kg wet	6.70						
2,4-DB [2C]	BRL		µg/kg wet	6.70						
Dalapon	BRL		µg/kg wet	6.70						
Dalapon [2C]	BRL		µg/kg wet	6.70						
Dicamba	BRL		µg/kg wet	6.70						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021818 - SW846 3550B										
Blank (9021818-BLK1)										
Prepared & Analyzed: 26-Feb-09										
Dicamba [2C]	BRL		µg/kg wet	6.70						
Dichlorprop	BRL		µg/kg wet	6.70						
Dichlorprop [2C]	BRL		µg/kg wet	6.70						
Dinoseb	BRL		µg/kg wet	6.70						
Dinoseb [2C]	BRL		µg/kg wet	6.70						
MCPA	BRL		µg/kg wet	670						
MCPA [2C]	BRL		µg/kg wet	670						
MCPB	BRL		µg/kg wet	670						
MCPB [2C]	BRL		µg/kg wet	670						
MCPP	BRL		µg/kg wet	670						
MCPP [2C]	BRL		µg/kg wet	670						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*8.60*		µg/kg wet		*13.3*		*65*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*8.13*		µg/kg wet		*13.3*		*61*	*30-150*		
LCS (9021818-BS1)										
Prepared & Analyzed: 26-Feb-09										
2,4,5-T	23.3		µg/kg wet	6.70	33.3		70	40-140		
2,4,5-T [2C]	18.7		µg/kg wet	6.70	33.3		56	40-140		
2,4,5-TP (Silvex)	24.5		µg/kg wet	6.70	33.3		74	40-140		
2,4,5-TP (Silvex) [2C]	22.9		µg/kg wet	6.70	33.3		69	40-140		
2,4-D	20.7		µg/kg wet	6.70	33.3		62	40-140		
2,4-D [2C]	20.3		µg/kg wet	6.70	33.3		61	40-140		
2,4-DB	19.9		µg/kg wet	6.70	33.3		60	40-140		
2,4-DB [2C]	17.3		µg/kg wet	6.70	33.3		52	40-140		
Dalapon	17.1		µg/kg wet	6.70	33.3		51	40-140		
Dalapon [2C]	18.1		µg/kg wet	6.70	33.3		54	40-140		
Dicamba	22.9		µg/kg wet	6.70	33.3		69	40-140		
Dicamba [2C]	22.8		µg/kg wet	6.70	33.3		68	40-140		
Dichlorprop	23.6		µg/kg wet	6.70	33.3		71	40-140		
Dichlorprop [2C]	23.7		µg/kg wet	6.70	33.3		71	40-140		
Dinoseb	24.7		µg/kg wet	6.70	33.3		74	40-140		
Dinoseb [2C]	25.3		µg/kg wet	6.70	33.3		76	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*8.73*		µg/kg wet		*13.3*		*66*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*8.47*		µg/kg wet		*13.3*		*64*	*30-150*		
LCS (9021818-BS2)										
Prepared & Analyzed: 26-Feb-09										
MCPA	7470		µg/kg wet	670	10000		75	40-140		
MCPA [2C]	7130		µg/kg wet	670	10000		71	40-140		
MCPB	7870		µg/kg wet	670	10000		79	40-140		
MCPB [2C]	7200		µg/kg wet	670	10000		72	40-140		
MCPP	7600		µg/kg wet	670	10000		76	40-140		
MCPP [2C]	7730		µg/kg wet	670	10000		77	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*9.40*		µg/kg wet		*13.3*		*71*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*9.00*		µg/kg wet		*13.3*		*68*	*30-150*		
LCS Dup (9021818-BSD1)										
Prepared & Analyzed: 26-Feb-09										
2,4,5-T	23.9		µg/kg wet	6.70	33.3		72	40-140	3	25
2,4,5-T [2C]	20.2		µg/kg wet	6.70	33.3		61	40-140	8	25
2,4,5-TP (Silvex)	24.9		µg/kg wet	6.70	33.3		75	40-140	1	25
2,4,5-TP (Silvex) [2C]	23.7		µg/kg wet	6.70	33.3		71	40-140	3	25

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021818 - SW846 3550B										
LCS Dup (9021818-BSD1)										
Prepared & Analyzed: 26-Feb-09										
2,4-D	21.3		µg/kg wet	6.70	33.3		64	40-140	3	25
2,4-D [2C]	20.9		µg/kg wet	6.70	33.3		63	40-140	3	25
2,4-DB	21.7		µg/kg wet	6.70	33.3		65	40-140	9	25
2,4-DB [2C]	17.2		µg/kg wet	6.70	33.3		52	40-140	0.4	25
Dalapon	16.9		µg/kg wet	6.70	33.3		51	40-140	1	25
Dalapon [2C]	18.7		µg/kg wet	6.70	33.3		56	40-140	3	25
Dicamba	23.5		µg/kg wet	6.70	33.3		70	40-140	3	25
Dicamba [2C]	24.5		µg/kg wet	6.70	33.3		74	40-140	7	25
Dichlorprop	24.2		µg/kg wet	6.70	33.3		73	40-140	3	25
Dichlorprop [2C]	23.7		µg/kg wet	6.70	33.3		71	40-140	0	25
Dinoseb	25.8		µg/kg wet	6.70	33.3		77	40-140	4	25
Dinoseb [2C]	27.0		µg/kg wet	6.70	33.3		81	40-140	7	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*9.27*		µg/kg wet		*13.3*		*70*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*8.80*		µg/kg wet		*13.3*		*66*	*30-150*		
LCS Dup (9021818-BSD2)										
Prepared & Analyzed: 26-Feb-09										
MCPA	7530		µg/kg wet	670	10000		75	40-140	0.9	25
MCPA [2C]	7530		µg/kg wet	670	10000		75	40-140	5	25
MCPB	7470		µg/kg wet	670	10000		75	40-140	5	25
MCPB [2C]	7470		µg/kg wet	670	10000		75	40-140	4	25
MCPP	7270		µg/kg wet	670	10000		73	40-140	4	25
MCPP [2C]	7330		µg/kg wet	670	10000		73	40-140	5	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*9.40*		µg/kg wet		*13.3*		*71*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*8.87*		µg/kg wet		*13.3*		*67*	*30-150*		
Duplicate (9021818-DUP1) **Source: SA91443-02**										
Prepared & Analyzed: 26-Feb-09										
2,4,5-T	BRL		µg/kg dry	6.70		BRL				30
2,4,5-T [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex) [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-D	BRL		µg/kg dry	6.70		BRL				30
2,4-D [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-DB	BRL		µg/kg dry	6.70		BRL				30
2,4-DB [2C]	BRL		µg/kg dry	6.70		BRL				30
Dalapon	BRL		µg/kg dry	6.70		BRL				30
Dalapon [2C]	BRL		µg/kg dry	6.70		BRL				30
Dicamba	BRL		µg/kg dry	6.70		BRL				30
Dicamba [2C]	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop [2C]	BRL		µg/kg dry	6.70		BRL				30
Dinoseb	BRL		µg/kg dry	6.70		BRL				30
Dinoseb [2C]	BRL		µg/kg dry	6.70		BRL				30
MCPA	BRL		µg/kg dry	670		BRL				30
MCPA [2C]	BRL		µg/kg dry	670		BRL				30
MCPB	BRL		µg/kg dry	670		BRL				30
MCPB [2C]	BRL		µg/kg dry	670		BRL				30
MCPP	BRL		µg/kg dry	670		BRL				30
MCPP [2C]	BRL		µg/kg dry	670		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*6.23*		µg/kg dry		*15.2*		*41*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021818 - SW846 3550B										
Duplicate (9021818-DUP1)	**Source: SA91443-02**									
Prepared & Analyzed: 26-Feb-09										
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*6.00*		µg/kg dry		*15.2*		*40*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021812 - SW846 3550B										
Blank (9021812-BLK1)										
Prepared & Analyzed: 26-Feb-09										
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	*3.18*		mg/kg wet		*3.33*		*95*	*50-150*		
LCS (9021812-BS1)										
Prepared & Analyzed: 26-Feb-09										
C9-C36 Aliphatic Hydrocarbons	86.4		mg/kg wet	13.3	93.3		93	60-120		
Surrogate: 1-Chlorooctadecane	*2.64*		mg/kg wet		*3.33*		*79*	*50-150*		
Duplicate (9021812-DUP1) **Source: SA91463-01**										
Prepared: 26-Feb-09 Analyzed: 27-Feb-09										
Gasoline	BRL		mg/kg dry	26.5		BRL				50
Fuel Oil #2	BRL		mg/kg dry	26.5		BRL				50
Fuel Oil #4	BRL		mg/kg dry	26.5		BRL				50
Fuel Oil #6	BRL		mg/kg dry	26.5		BRL				50
Motor Oil	BRL		mg/kg dry	26.5		BRL				50
Aviation Fuel	BRL		mg/kg dry	26.5		BRL				50
Unidentified	BRL		mg/kg dry	26.5		BRL				50
Other Oil	BRL		mg/kg dry	26.5		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	26.5		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	26.5		BRL				50
Surrogate: 1-Chlorooctadecane	*3.10*		mg/kg dry		*3.32*		*94*	*50-150*		
Duplicate (9021812-DUP2) **Source: SA91269-40**										
Prepared: 26-Feb-09 Analyzed: 27-Feb-09										
Gasoline	BRL		mg/kg dry	599		BRL				50
Fuel Oil #2	BRL		mg/kg dry	599		BRL				50
Fuel Oil #4	BRL		mg/kg dry	599		BRL				50
Fuel Oil #6	BRL		mg/kg dry	599		BRL				50
Motor Oil	Calculated as		mg/kg dry	599		BRL				50
Aviation Fuel	BRL		mg/kg dry	599		BRL				50
Unidentified	54000		mg/kg dry	599		62200			14	50
Other Oil	Calculated as		mg/kg dry	599		BRL				50
Total Petroleum Hydrocarbons	54000		mg/kg dry	599		62200			14	50
C9-C36 Aliphatic Hydrocarbons	54000		mg/kg dry	599		62200			14	50
Surrogate: 1-Chlorooctadecane	*3.21*		mg/kg dry		*3.75*		*86*	*50-150*		
Matrix Spike (9021812-MS1) **Source: SA91463-01**										
Prepared: 26-Feb-09 Analyzed: 27-Feb-09										
C9-C36 Aliphatic Hydrocarbons	77.4		mg/kg dry	13.4	94.2	BRL	82	50-150		
Surrogate: 1-Chlorooctadecane	*2.55*		mg/kg dry		*3.36*		*76*	*50-150*		
Matrix Spike Dup (9021812-MSD1) **Source: SA91463-01**										
Prepared: 26-Feb-09 Analyzed: 27-Feb-09										
C9-C36 Aliphatic Hydrocarbons	74.2		mg/kg dry	13.3	93.3	BRL	80	50-150	3	30

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* Reportable Detection Limit BRL = Below Reporting Limit

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021812 - SW846 3550B										
Matrix Spike Dup (9021812-MSD1) **Source: SA91463-01**										
Prepared: 26-Feb-09 Analyzed: 27-Feb-09										
Surrogate: 1-Chlorooctadecane	*2.55*		mg/kg dry		*3.33*		*77*	*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 9021637 - SW846 3050B										
Blank (9021637-BLK1)										
Prepared: 25-Feb-09 Analyzed: 26-Feb-09										
Selenium	BRL		mg/kg wet	1.38						
Lead	BRL		mg/kg wet	1.38						
Arsenic	BRL		mg/kg wet	1.38						
Cadmium	BRL		mg/kg wet	0.460						
Chromium	BRL		mg/kg wet	0.921						
Silver	BRL		mg/kg wet	1.38						
Barium	BRL		mg/kg wet	0.921						
Duplicate (9021637-DUP1) Source: SA91342-16										
Prepared: 25-Feb-09 Analyzed: 26-Feb-09										
Selenium	BRL		mg/kg dry	1.48		BRL				20
Lead	30.1	QR6	mg/kg dry	1.48		22.3			30	20
Silver	BRL		mg/kg dry	1.48		BRL				20
Chromium	15.6	QR6	mg/kg dry	0.985		11.8			28	20
Cadmium	BRL		mg/kg dry	0.493		BRL				20
Arsenic	2.48		mg/kg dry	1.48		2.22			11	20
Barium	62.7	QR6	mg/kg dry	0.985		41.9			40	20
Matrix Spike (9021637-MS1) Source: SA91342-27										
Prepared: 25-Feb-09 Analyzed: 26-Feb-09										
Selenium	131		mg/kg dry	1.41	117	BRL	111	75-125		
Lead	187	QM8	mg/kg dry	1.41	117	31.6	132	75-125		
Cadmium	115		mg/kg dry	0.470	117	BRL	97	75-125		
Silver	130		mg/kg dry	1.41	117	BRL	111	75-125		
Chromium	145		mg/kg dry	0.940	117	15.4	110	75-125		
Arsenic	135		mg/kg dry	1.41	117	2.65	112	75-125		
Barium	217	QM7	mg/kg dry	0.940	117	69.3	126	75-125		
Matrix Spike Dup (9021637-MSD1) Source: SA91342-27										
Prepared: 25-Feb-09 Analyzed: 26-Feb-09										
Lead	170		mg/kg dry	1.50	125	31.6	111	75-125	9	20
Selenium	136		mg/kg dry	1.50	125	BRL	109	75-125	4	20
Cadmium	121		mg/kg dry	0.498	125	BRL	97	75-125	6	20
Silver	135		mg/kg dry	1.50	125	BRL	108	75-125	4	20
Arsenic	138		mg/kg dry	1.50	125	2.65	109	75-125	3	20
Chromium	146		mg/kg dry	0.997	125	15.4	105	75-125	1	20
Barium	228	QM7	mg/kg dry	0.997	125	69.3	127	75-125	5	20
Post Spike (9021637-PS1) Source: SA91342-27										
Prepared: 25-Feb-09 Analyzed: 26-Feb-09										
Lead	159		mg/kg dry	1.50	125	31.6	102	80-120		
Selenium	137		mg/kg dry	1.50	125	BRL	110	80-120		
Cadmium	116		mg/kg dry	0.500	125	BRL	93	80-120		
Chromium	145		mg/kg dry	1.00	125	15.4	103	80-120		
Silver	136		mg/kg dry	1.50	125	BRL	109	80-120		
Arsenic	138		mg/kg dry	1.50	125	2.65	108	80-120		
Reference (9021637-SRM1)										
Prepared: 25-Feb-09 Analyzed: 26-Feb-09										
Lead	39.6		mg/kg wet	1.50	37.3		106	77.5-122.4		
Selenium	109		mg/kg wet	1.50	101		107	76.8-123.2		
Silver	26.2		mg/kg wet	1.50	24.0		109	66.3-133.7		

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* Reportable Detection Limit BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021637 - SW846 3050B										
Reference (9021637-SRM1)										
Prepared: 25-Feb-09 Analyzed: 26-Feb-09										
Chromium	41.2		mg/kg wet	1.00	39.1		105	80.6-119.3		
Cadmium	72.9		mg/kg wet	0.500	72.2		101	80.9-119.9		
Arsenic	87.6		mg/kg wet	1.50	79.8		110	79.5-120.5		
Barium	200		mg/kg wet	1.00	185		108	82.6-117.1		
Reference (9021637-SRM2)										
Prepared: 25-Feb-09 Analyzed: 26-Feb-09										
Selenium	110		mg/kg wet	1.50	100		109	76.8-123.2		
Lead	38.1		mg/kg wet	1.50	37.0		103	77.5-122.4		
Arsenic	86.2		mg/kg wet	1.50	79.1		109	79.5-120.5		
Chromium	40.5		mg/kg wet	1.00	38.7		105	80.6-119.3		
Silver	25.7		mg/kg wet	1.50	23.8		108	66.3-133.7		
Cadmium	70.6		mg/kg wet	0.500	71.5		99	80.9-119.9		
Barium	200		mg/kg wet	1.00	184		109	82.6-117.1		
Batch 9021638 - EPA200/SW7000 Series										
Blank (9021638-BLK1)										
Prepared: 25-Feb-09 Analyzed: 27-Feb-09										
Mercury	BRL		mg/kg wet	0.0283						
Duplicate (9021638-DUP1) **Source: SA91342-16**										
Prepared: 25-Feb-09 Analyzed: 27-Feb-09										
Mercury	0.282		mg/kg dry	0.0312		0.297			5	20
Matrix Spike (9021638-MS1) **Source: SA91342-27**										
Prepared: 25-Feb-09 Analyzed: 27-Feb-09										
Mercury	1.08	QM7	mg/kg dry	0.0296	0.411	0.535	133	75-125		
Matrix Spike Dup (9021638-MSD1) **Source: SA91342-27**										
Prepared: 25-Feb-09 Analyzed: 27-Feb-09										
Mercury	1.27	QM7	mg/kg dry	0.0315	0.438	0.535	168	75-125	16	20
Reference (9021638-SRM1)										
Prepared: 25-Feb-09 Analyzed: 27-Feb-09										
Mercury	3.19		mg/kg wet	0.0300	3.06		105	66-135		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021785 - General Preparation										
Duplicate (9021785-DUP1) **Source: SA91277-02**										
Prepared & Analyzed: 25-Feb-09										
% Solids	90.4		%			91.4			1	20

Notes and Definitions

QC1	Analyte out of acceptance range.
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
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
VOC8	Reporting limits reflect SW846 5030 extraction technique due to interference using SW846 5035A extraction technique.
Z-2	The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.
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

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Leja

SA91443 01

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: ASAP - 4pm
- 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 Rizzo
150 Trumbull St. 4th Floor
Hartford, CT

Project Mgr.: Patrick de Paula

Invoice To: DAS # 44236

P.O. No.: RQN:

Project No.: 127-17797-08010
Site Name: Hartford Busway
Location: 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= Blank X2= X3=

G=Grab C=Composite

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DEP RCP Report

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

State specific reporting standards: CT

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	Total RCRA 8 metals			
SA91443 01	ASB-B46	2/24/09	930	G	SO	7	3	2				X	X	X	X	X	X			
02	ASB-B47	2/24/09	1100	G	SO	7	3	2				X	X	X	X	X	X			
03	Trip Blank	2/24/09	1000	G	X1	2	3					X								

☐ Fax results when available to ( )
☒ E-mail to patrick.depaula@tetratech.com
EDD Format

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 37°

Relinquished by:	Received by:	Date:	Time:
Patrick de Paula	[illegible]	2-25-09	1050
[illegible]	[illegible]	2/25/09	12:00

Report Date:
26-Dec-08 11:12

☑ 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: Flatbush Ave - W. Hartford, CT
Project 12701186

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA88676-01	Trip Blank	Deionized Water	08-Dec-08 08:00	10-Dec-08 14:51
SA88676-02	RSB-2	Ground Water	08-Dec-08 11:00	10-Dec-08 14:51
SA88676-03	RSB-5 (4-8)	Soil	08-Dec-08 09:40	10-Dec-08 14:51
SA88676-04	RSB-2 (0-4)	Soil	08-Dec-08 09:10	10-Dec-08 14:51
SA88676-05	RSB-2 (8-12)	Soil	08-Dec-08 09:10	10-Dec-08 14:51

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

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

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

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

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 62 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supercedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report is available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

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

CASE NARRATIVE:

The samples were received 3.5 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.

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

SW846 6010B

Duplicates:

8121031-DUP1 *Source: SA88661-01*

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

Arsenic

SW846 7471A

Spikes:

8121032-PS1 *Source: SA88661-02*

Analyte out of acceptance range.

Mercury

Duplicates:

8121032-DUP1 *Source: SA88661-01*

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

SW846 8082

Samples:

SA88676-02 *RSB-2*

Elevated Reporting Limits due to limited sample volume.

SW846 8151A

SW846 8151A

Samples:

S815002-CCV2

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

S815002-CCV4

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

S815265-CCV2

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

S815265-CCV4

The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.

MCPA [2C]
MCPB [2C]

SA88676-02 *RSB-2*

Elevated Reporting Limits due to limited sample volume.

SW846 8260B

SW846 8260B

Laboratory Control Samples:

8121116-BS1

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

2-Butanone (MEK)
Acetone

Analyte out of acceptance range.

1,2,3-Trichlorobenzene

8121116-BSD1

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

2-Butanone (MEK)
Acetone

Analyte out of acceptance range.

2,2-Dichloropropane

8121225-BS1

Analyte out of acceptance range.

n-Butylbenzene

8121225-BSD1

Analyte out of acceptance range.

Chloromethane

RPD out of acceptance range.

n-Butylbenzene

Spikes:

8121225-MS1 *Source: SA88663-03*

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

Chlorobenzene

SW846 8270C

Blanks:

8121325-BLK1

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

2,4,6-Tribromophenol

SW846 8270C

Laboratory Control Samples:

8121076-BS1

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

N-Nitrosodimethylamine
Phenol

8121325-BS1

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

Aniline
Hexachlorobenzene

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

2,4,6-Tribromophenol

Spikes:

8121325-MS1 *Source: SA88675-05*

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

2,4,6-Tribromophenol

8121325-MSD1 *Source: SA88675-05*

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

2,4,6-Tribromophenol

Duplicates:

8121325-DUP1 *Source: SA88675-05*

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

2,4,6-Tribromophenol

Samples:

SA88676-03 *RSB-5 (4-8)*

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

2,4,6-Tribromophenol

SA88676-04 *RSB-2 (0-4)*

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

2,4,6-Tribromophenol

SA88676-05 *RSB-2 (8-12)*

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

2,4,6-Tribromophenol

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank SA88676-01	12701186	Deionized Water	08-Dec-08 08:00	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-08	13-Dec-08	8121116	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X

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
Trip Blank SA88676-01	12701186	Deionized Water	08-Dec-08 08:00	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-08	13-Dec-08	8121116	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 SA88676-02	12701186	Ground Water	08-Dec-08 11:00	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-08	13-Dec-08	8121116	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 SA88676-02	12701186	Ground Water	08-Dec-08 11:00	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-08	13-Dec-08	8121116	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*105*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	12.7	1	SW846 8270C	12-Dec-08	17-Dec-08	8121076	X
208-96-8	Acenaphthylene	BRL		µg/l	12.7	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/l	12.7	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/l	12.7	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/l	12.7	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	12.7	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/l	12.7	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	12.7	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	12.7	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	12.7	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	12.7	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	12.7	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/l	12.7	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/l	12.7	1	"	"	"	"	X
11-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	12.7	1	"	"	"	"	X

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 SA88676-02	12701186	Ground Water	08-Dec-08 11:00	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	12.7	1	SW846 8270C	12-Dec-08	17-Dec-08	8121076	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/l	12.7	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	12.7	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	12.7	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/l	12.7	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/l	12.7	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	12.7	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/l	12.7	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/l	12.7	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/l	12.7	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	12.7	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	12.7	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	12.7	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/l	12.7	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	12.7	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	12.7	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	12.7	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	12.7	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/l	12.7	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/l	12.7	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/l	12.7	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/l	12.7	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/l	12.7	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	12.7	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/l	12.7	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	12.7	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	12.7	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/l	12.7	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	12.7	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	12.7	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/l	12.7	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	12.7	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	12.7	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/l	12.7	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	12.7	1	"	"	"	"	X
78-59-1	Isophorone	BRL		µg/l	12.7	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	12.7	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/l	12.7	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/l	25.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	12.7	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/l	12.7	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/l	12.7	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/l	50.6	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/l	12.7	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/l	12.7	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/l	50.6	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	12.7	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	12.7	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	12.7	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/l	50.6	1	"	"	"	"	X

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2	12701186	Ground Water	08-Dec-08 11:00	10-Dec-08
SA88676-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
85-01-8	Phenanthrene	BRL		µg/l	12.7	1	SW846 8270C	12-Dec-08	17-Dec-08	8121076	X
108-95-2	Phenol	BRL		µg/l	12.7	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	12.7	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/l	12.7	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	12.7	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	12.7	1	"	"	"	"	
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	12.7	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	12.7	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/l	12.7	1	"	"	"	"	
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/l	12.7	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*49*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*47*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*47*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*31*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*56*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*58*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082			R02								
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.465	1	SW846 8082	11-Dec-08	12-Dec-08	8120969	X
11104-28-2	PCB 1221	BRL		µg/l	0.465	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/l	0.465	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/l	0.465	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/l	0.465	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/l	0.465	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/l	0.465	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/l	0.465	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/l	0.465	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*66*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*67*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A			R02								
Prepared by method SW846 3510C											
93-76-5	2,4,5-T	BRL		µg/l	0.200	1	SW846 8151A	11-Dec-08	11-Dec-08	8120971	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/l	0.200	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/l	0.200	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/l	0.200	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/l	0.200	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/l	0.200	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/l	0.200	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/l	0.200	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/l	3.00	1	"	"	"	"	
94-81-5	MCPB	BRL		µg/l	3.00	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/l	3.00	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 SA88676-02	12701186	Ground Water	08-Dec-08 11:00	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	12-Dec-08	17-Dec-08	8121075	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*68*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0500	1	SW846 6010B	17-Dec-08	18-Dec-08	8121130	X
7440-38-2	Arsenic	0.117		mg/l	0.0400	1	"	"	"	"	X
7440-39-3	Barium	3.82		mg/l	0.0500	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0250	1	"	"	"	"	X
7440-47-3	Chromium	1.19		mg/l	0.0500	1	"	"	"	"	X
7439-92-1	Lead	0.939		mg/l	0.0750	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.150	1	"	"	"	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	0.00584		mg/l	0.00080	1	EPA 245.1/7470A	17-Dec-08	18-Dec-08	8121131	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-5 (4-8) SA88676-03	12701186	Soil	08-Dec-08 09:40	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.6 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	8.2	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
67-64-1	Acetone	BRL		µg/kg dry	82.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.2	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.2	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	8.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	16.4	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	82.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	41.1	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	16.4	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	8.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	16.4	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	16.4	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.2	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.2	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	8.2	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	16.4	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.2	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.2	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.2	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	82.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.2	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	82.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	82.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	8.2	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-5 (4-8) SA88676-03	12701186	Soil	08-Dec-08 09:40	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 4.6 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.2	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
100-42-5	Styrene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.2	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.2	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	16.4	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	8.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	82.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	8.2	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.2	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.2	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.2	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	82.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	164	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	41.1	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3290	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*89*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*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	411	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	411	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	411	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	411	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	411	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	411	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	411	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	411	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	411	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	411	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	411	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	411	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	411	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	411	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-5 (4-8)	12701186	Soil	08-Dec-08 09:40	10-Dec-08
SA88676-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	411	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	411	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	411	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	411	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	411	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	411	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	411	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	411	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	411	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	411	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	411	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	411	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	411	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	411	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	411	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	411	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	411	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	411	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	411	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	411	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	411	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	411	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	411	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	411	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	411	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	411	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	411	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	411	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	411	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	411	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	411	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	411	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	411	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	411	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	411	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	411	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	411	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	411	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	411	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	411	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	411	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	411	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	411	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	411	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1640	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	411	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	411	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1640	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	411	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	411	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-5 (4-8) SA88676-03	12701186	Soil	08-Dec-08 09:40	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	411	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	411	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	411	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	411	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	411	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	411	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	411	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	411	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	411	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	411	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	411	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*58*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*57*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*51*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*63*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*59*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*3*	SGC	*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	24.9	1	SW846 8082	18-Dec-08	19-Dec-08	8121501	X
11104-28-2	PCB 1221	BRL		µg/kg dry	24.9	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	24.9	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	24.9	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	24.9	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	24.9	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	24.9	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	24.9	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	24.9	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	17-Dec-08	19-Dec-08	8121397	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*93*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-5 (4-8)	12701186	Soil	08-Dec-08 09:40	10-Dec-08
SA88676-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	16.6	1	+CT ETPH	16-Dec-08	18-Dec-08	8121322	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.6	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	16.6	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	16.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	16.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	16.6	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*83*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.60	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.60	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	74.2		mg/kg dry	1.06	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.532	1	"	"	"	"	X
7440-47-3	Chromium	18.8		mg/kg dry	1.06	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0336	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	6.14		mg/kg dry	1.60	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.60	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	78.9		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (0-4) SA88676-04	12701186	Soil	08-Dec-08 09:10	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds						Initial weight: 4.55 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.2	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
67-64-1	Acetone	BRL		µg/kg dry	71.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	14.4	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	71.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	35.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	14.4	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	14.4	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.4	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.2	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.4	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	71.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	71.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	71.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.2	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (0-4) SA88676-04	12701186	Soil	08-Dec-08 09:10	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.55 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.2	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
100-42-5	Styrene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
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	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.2	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	14.4	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	71.8	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	71.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	144	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	35.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2870	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*101*		*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	381	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	381	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	381	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	381	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	381	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	381	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	381	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	381	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	381	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	381	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	381	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	381	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	381	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	381	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (0-4) SA88676-04	12701186	Soil	08-Dec-08 09:10	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	381	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	381	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	381	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	381	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	381	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	381	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	381	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	381	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	381	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	381	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	381	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	381	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	381	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	381	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	381	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	381	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	381	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	381	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	381	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	381	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	381	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	381	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	381	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	381	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	381	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	381	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	381	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	381	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	381	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	381	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	381	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	381	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	381	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	381	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	381	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	381	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	381	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	381	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	381	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	381	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	381	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	381	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	381	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	381	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1520	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	381	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	381	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1520	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	381	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	381	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (0-4)	12701186	Soil	08-Dec-08 09:10	10-Dec-08
SA88676-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	381	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	381	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	381	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	381	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	381	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	381	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	381	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	381	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	381	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	381	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	381	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*46*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*40*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*39*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*46*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*48*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*3*	SGC	*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	22.1	1	SW846 8082	18-Dec-08	19-Dec-08	8121501	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.1	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	17-Dec-08	19-Dec-08	8121397	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (0-4) SA88676-04	12701186	Soil	08-Dec-08 09:10	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.4	1	+CT ETPH	16-Dec-08	18-Dec-08	8121322	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.4	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.4	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.4	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.4	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.4	1	"	"	"	"	
	Unidentified	53.7		mg/kg dry	15.4	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.4	1	"	"	"	"	
	Total Petroleum Hydrocarbons	53.7		mg/kg dry	15.4	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	53.7		mg/kg dry	15.4	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*104*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.68	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	5.74		mg/kg dry	1.68	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	35.1		mg/kg dry	1.12	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.558	1	"	"	"	"	X
7440-47-3	Chromium	8.58		mg/kg dry	1.12	1	"	"	"	"	X
7439-97-6	Mercury	0.443		mg/kg dry	0.0331	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	33.0		mg/kg dry	1.68	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.68	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	86.2		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (8-12) SA88676-05	12701186	Soil	08-Dec-08 09:10	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	10-Dec-08	10-Dec-08	8120949	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.26 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.4	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
67-64-1	Acetone	BRL		µg/kg dry	73.9	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.4	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.4	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	14.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	73.9	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	37.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.4	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	14.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.4	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	14.8	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.8	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.4	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	7.4	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	14.8	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	73.9	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	73.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	73.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.4	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (8-12) SA88676-05	12701186	Soil	08-Dec-08 09:10	10-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.26 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.4	1	SW846 8260B	15-Dec-08	16-Dec-08	8121225	X
100-42-5	Styrene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.4	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.4	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	14.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.4	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	73.9	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	73.9	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	148	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	37.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2960	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*96*		*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 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	416	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	416	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	416	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	416	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	416	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	416	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	416	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	416	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	416	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	416	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	416	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	416	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	416	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	416	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (8-12) SA88676-05	12701186	Soil	08-Dec-08 09:10	10-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	416	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	416	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	416	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	416	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	416	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	416	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	416	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	416	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	416	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	416	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	416	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	416	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	416	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	416	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	416	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	416	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	416	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	416	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	416	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	416	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	416	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	416	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	416	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	416	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	416	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	416	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	416	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	416	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	416	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	416	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	416	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	416	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	416	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	416	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	416	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	416	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	416	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	416	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	416	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	416	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	416	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	416	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	416	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	416	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1660	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	416	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	416	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1660	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	416	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	416	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (8-12)	12701186	Soil	08-Dec-08 09:10	10-Dec-08
SA88676-05				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	416	1	SW846 8270C	16-Dec-08	24-Dec-08	8121325	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	416	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	416	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	416	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	416	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	416	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	416	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	416	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	416	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	416	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	416	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*38*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*35*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*31*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*40*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*40*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*2*	SGC	*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	24.9	1	SW846 8082	18-Dec-08	19-Dec-08	8121501	X
11104-28-2	PCB 1221	BRL		µg/kg dry	24.9	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	24.9	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	24.9	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	24.9	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	24.9	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	24.9	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	24.9	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	24.9	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	17-Dec-08	19-Dec-08	8121397	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*98*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 (8-12)	12701186	Soil	08-Dec-08 09:10	10-Dec-08
SA88676-05				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	16.8	1	+CT ETPH	16-Dec-08	18-Dec-08	8121322	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.8	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.8	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.8	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.8	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.8	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	16.8	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	16.8	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	16.8	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	16.8	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*107*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.65	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.65	1	"	"	22-Dec-08	"	X
7440-39-3	Barium	56.3		mg/kg dry	1.10	1	"	"	19-Dec-08	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.551	1	"	"	"	"	X
7440-47-3	Chromium	11.4		mg/kg dry	1.10	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0351	1	SW846 7471A	17-Dec-08	18-Dec-08	8121032	X
7439-92-1	Lead	3.93		mg/kg dry	1.65	1	SW846 6010B	18-Dec-08	19-Dec-08	8121031	X
7782-49-2	Selenium	BRL		mg/kg dry	1.65	1	"	"	22-Dec-08	"	X
General Chemistry Parameters											
	% Solids	78.7		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8121006	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121116 - SW846 5030 Water MS										
Blank (8121116-BLK1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121116 - SW846 5030 Water MS										
Blank (8121116-BLK1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,3,5-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0						
Ethanol	BRL		µg/l	400						
Surrogate: 4-Bromofluorobenzene	*47.6*		µg/l		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*51.2*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.6*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*52.0*		µg/l		*50.0*		*104*	*70-130*		
LCS (8121116-BS1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.4		µg/l		20.0		97	70-130		
Acetone	35.9	QC2	µg/l		20.0		179	31.7-144		
Acrylonitrile	21.0		µg/l		20.0		105	70-130		
Benzene	20.1		µg/l		20.0		100	70-130		
Bromobenzene	20.4		µg/l		20.0		102	70-130		
Bromochloromethane	20.9		µg/l		20.0		105	70-130		
Bromodichloromethane	20.0		µg/l		20.0		100	70-130		
Bromoform	17.9		µg/l		20.0		90	70-130		
Bromomethane	21.1		µg/l		20.0		106	43-158		
2-Butanone (MEK)	28.8	QC2	µg/l		20.0		144	54.5-137		
n-Butylbenzene	20.0		µg/l		20.0		100	70-130		
sec-Butylbenzene	20.9		µg/l		20.0		105	70-130		
tert-Butylbenzene	21.1		µg/l		20.0		106	70-130		
Carbon disulfide	22.1		µg/l		20.0		110	70-130		
Carbon tetrachloride	22.2		µg/l		20.0		111	70-130		
Chlorobenzene	20.1		µg/l		20.0		100	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121116 - SW846 5030 Water MS										
LCS (8121116-BS1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
Chloroethane	22.5		µg/l		20.0		113	60.1-131		
Chloroform	18.8		µg/l		20.0		94	70-130		
Chloromethane	21.0		µg/l		20.0		105	70-130		
2-Chlorotoluene	20.8		µg/l		20.0		104	70-130		
4-Chlorotoluene	21.5		µg/l		20.0		107	70-130		
1,2-Dibromo-3-chloropropane	17.8		µg/l		20.0		89	70-130		
Dibromochloromethane	18.7		µg/l		20.0		93	66.2-145		
1,2-Dibromoethane (EDB)	20.6		µg/l		20.0		103	70-130		
Dibromomethane	20.2		µg/l		20.0		101	70-130		
1,2-Dichlorobenzene	19.6		µg/l		20.0		98	70-130		
1,3-Dichlorobenzene	20.0		µg/l		20.0		100	70-130		
1,4-Dichlorobenzene	18.7		µg/l		20.0		93	70-130		
Dichlorodifluoromethane (Freon12)	20.1		µg/l		20.0		101	46.9-168		
1,1-Dichloroethane	20.4		µg/l		20.0		102	70-130		
1,2-Dichloroethane	21.1		µg/l		20.0		105	70-130		
1,1-Dichloroethene	21.7		µg/l		20.0		108	70-130		
cis-1,2-Dichloroethene	19.2		µg/l		20.0		96	70-130		
trans-1,2-Dichloroethene	20.8		µg/l		20.0		104	70-130		
1,2-Dichloropropane	20.4		µg/l		20.0		102	70-130		
1,3-Dichloropropane	20.5		µg/l		20.0		102	70-130		
2,2-Dichloropropane	13.9		µg/l		20.0		70	70-130		
1,1-Dichloropropene	20.6		µg/l		20.0		103	70-130		
cis-1,3-Dichloropropene	17.4		µg/l		20.0		87	70-130		
trans-1,3-Dichloropropene	16.9		µg/l		20.0		85	70-130		
Ethylbenzene	21.0		µg/l		20.0		105	70-130		
Hexachlorobutadiene	24.5		µg/l		20.0		123	70-135		
2-Hexanone (MBK)	23.7		µg/l		20.0		118	70-130		
Isopropylbenzene	21.8		µg/l		20.0		109	70-130		
4-Isopropyltoluene	19.4		µg/l		20.0		97	70-130		
Methyl tert-butyl ether	20.1		µg/l		20.0		101	70-130		
4-Methyl-2-pentanone (MIBK)	17.2		µg/l		20.0		86	57.6-130		
Methylene chloride	20.7		µg/l		20.0		103	70-130		
Naphthalene	25.5		µg/l		20.0		127	70-130		
n-Propylbenzene	21.4		µg/l		20.0		107	70-130		
Styrene	20.2		µg/l		20.0		101	70-130		
1,1,1,2-Tetrachloroethane	21.5		µg/l		20.0		108	70-130		
1,1,2,2-Tetrachloroethane	18.3		µg/l		20.0		91	70-130		
Tetrachloroethene	21.2		µg/l		20.0		106	70-130		
Toluene	19.9		µg/l		20.0		99	70-130		
1,2,3-Trichlorobenzene	27.2	QC1	µg/l		20.0		136	70-130		
1,2,4-Trichlorobenzene	25.8		µg/l		20.0		129	70-130		
1,3,5-Trichlorobenzene	23.4		µg/l		20.0		117	70-130		
1,1,1-Trichloroethane	20.6		µg/l		20.0		103	70-130		
1,1,2-Trichloroethane	20.3		µg/l		20.0		102	70-130		
Trichloroethene	21.5		µg/l		20.0		108	70-130		
Trichlorofluoromethane (Freon 11)	22.4		µg/l		20.0		112	64.9-147		
1,2,3-Trichloropropane	18.6		µg/l		20.0		93	70-130		
1,2,4-Trimethylbenzene	20.5		µg/l		20.0		102	70-130		
1,3,5-Trimethylbenzene	20.6		µg/l		20.0		103	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121116 - SW846 5030 Water MS										
LCS (8121116-BS1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
Vinyl chloride	21.5		µg/l		20.0		108	70-130		
m,p-Xylene	41.8		µg/l		40.0		104	70-130		
o-Xylene	20.2		µg/l		20.0		101	70-130		
Tetrahydrofuran	22.3		µg/l		20.0		111	70-130		
Ethyl ether	21.3		µg/l		20.0		107	70-130		
Tert-amyl methyl ether	19.8		µg/l		20.0		99	70-130		
Ethyl tert-butyl ether	18.9		µg/l		20.0		94	70-130		
Di-isopropyl ether	21.6		µg/l		20.0		108	70-130		
Tert-Butanol / butyl alcohol	190		µg/l		200		95	70-130		
1,4-Dioxane	195		µg/l		200		98	53.8-137		
trans-1,4-Dichloro-2-butene	14.6		µg/l		20.0		73	70-130		
Ethanol	412		µg/l		400		103	70-130		
Surrogate: 4-Bromofluorobenzene	*50.8*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*51.6*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.3*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*53.1*		µg/l		*50.0*		*106*	*70-130*		
LCS Dup (8121116-BSD1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.0		µg/l		20.0		85	70-130	13	25
Acetone	35.8	QC2	µg/l		20.0		179	31.7-144	0.2	50
Acrylonitrile	20.7		µg/l		20.0		103	70-130	2	25
Benzene	18.8		µg/l		20.0		94	70-130	7	25
Bromobenzene	19.3		µg/l		20.0		96	70-130	6	25
Bromochloromethane	19.7		µg/l		20.0		98	70-130	6	25
Bromodichloromethane	18.8		µg/l		20.0		94	70-130	6	25
Bromoform	17.6		µg/l		20.0		88	70-130	2	25
Bromomethane	19.4		µg/l		20.0		97	43-158	8	50
2-Butanone (MEK)	28.8	QC2	µg/l		20.0		144	54.5-137	0.1	50
n-Butylbenzene	18.3		µg/l		20.0		92	70-130	9	25
sec-Butylbenzene	19.1		µg/l		20.0		95	70-130	9	25
tert-Butylbenzene	19.4		µg/l		20.0		97	70-130	8	25
Carbon disulfide	19.7		µg/l		20.0		99	70-130	11	25
Carbon tetrachloride	19.6		µg/l		20.0		98	70-130	12	25
Chlorobenzene	19.1		µg/l		20.0		96	70-130	5	25
Chloroethane	20.7		µg/l		20.0		104	60.1-131	8	50
Chloroform	17.5		µg/l		20.0		87	70-130	7	25
Chloromethane	18.7		µg/l		20.0		94	70-130	12	25
2-Chlorotoluene	19.0		µg/l		20.0		95	70-130	9	25
4-Chlorotoluene	19.2		µg/l		20.0		96	70-130	11	25
1,2-Dibromo-3-chloropropane	17.3		µg/l		20.0		87	70-130	3	25
Dibromochloromethane	17.9		µg/l		20.0		89	66.2-145	4	50
1,2-Dibromoethane (EDB)	19.7		µg/l		20.0		98	70-130	5	25
Dibromomethane	19.7		µg/l		20.0		99	70-130	2	25
1,2-Dichlorobenzene	18.7		µg/l		20.0		93	70-130	5	25
1,3-Dichlorobenzene	19.0		µg/l		20.0		95	70-130	5	25
1,4-Dichlorobenzene	17.8		µg/l		20.0		89	70-130	5	25
Dichlorodifluoromethane (Freon12)	18.3		µg/l		20.0		92	46.9-168	10	50
1,1-Dichloroethane	19.2		µg/l		20.0		96	70-130	6	25
1,2-Dichloroethane	20.5		µg/l		20.0		102	70-130	3	25
1,1-Dichloroethene	19.2		µg/l		20.0		96	70-130	12	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121116 - SW846 5030 Water MS										
LCS Dup (8121116-BSD1)										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
cis-1,2-Dichloroethene	18.2		µg/l		20.0		91	70-130	5	25
trans-1,2-Dichloroethene	19.2		µg/l		20.0		96	70-130	8	25
1,2-Dichloropropane	19.4		µg/l		20.0		97	70-130	5	25
1,3-Dichloropropane	19.9		µg/l		20.0		99	70-130	3	25
2,2-Dichloropropane	12.5	QC1	µg/l		20.0		63	70-130	10	25
1,1-Dichloropropene	21.2		µg/l		20.0		106	70-130	2	25
cis-1,3-Dichloropropene	17.2		µg/l		20.0		86	70-130	1	25
trans-1,3-Dichloropropene	16.3		µg/l		20.0		82	70-130	3	25
Ethylbenzene	19.7		µg/l		20.0		98	70-130	6	25
Hexachlorobutadiene	21.4		µg/l		20.0		107	70-135	13	50
2-Hexanone (MBK)	22.2		µg/l		20.0		111	70-130	6	25
Isopropylbenzene	20.1		µg/l		20.0		101	70-130	8	25
4-Isopropyltoluene	17.7		µg/l		20.0		88	70-130	9	25
Methyl tert-butyl ether	19.3		µg/l		20.0		97	70-130	4	25
4-Methyl-2-pentanone (MIBK)	18.4		µg/l		20.0		92	57.6-130	7	50
Methylene chloride	19.2		µg/l		20.0		96	70-130	7	25
Naphthalene	21.7		µg/l		20.0		108	70-130	16	25
n-Propylbenzene	19.8		µg/l		20.0		99	70-130	8	25
Styrene	18.9		µg/l		20.0		94	70-130	7	25
1,1,1,2-Tetrachloroethane	20.2		µg/l		20.0		101	70-130	6	25
1,1,2,2-Tetrachloroethane	17.8		µg/l		20.0		89	70-130	3	25
Tetrachloroethene	19.2		µg/l		20.0		96	70-130	10	25
Toluene	18.2		µg/l		20.0		91	70-130	9	25
1,2,3-Trichlorobenzene	23.7		µg/l		20.0		119	70-130	14	25
1,2,4-Trichlorobenzene	21.0		µg/l		20.0		105	70-130	21	25
1,3,5-Trichlorobenzene	18.5		µg/l		20.0		93	70-130	23	25
1,1,1-Trichloroethane	19.2		µg/l		20.0		96	70-130	7	25
1,1,2-Trichloroethane	19.2		µg/l		20.0		96	70-130	6	25
Trichloroethene	20.1		µg/l		20.0		100	70-130	7	25
Trichlorofluoromethane (Freon 11)	19.8		µg/l		20.0		99	64.9-147	12	50
1,2,3-Trichloropropane	18.0		µg/l		20.0		90	70-130	4	25
1,2,4-Trimethylbenzene	18.9		µg/l		20.0		95	70-130	8	25
1,3,5-Trimethylbenzene	19.0		µg/l		20.0		95	70-130	8	25
Vinyl chloride	19.3		µg/l		20.0		96	70-130	11	25
m,p-Xylene	38.6		µg/l		40.0		97	70-130	8	25
o-Xylene	18.6		µg/l		20.0		93	70-130	8	25
Tetrahydrofuran	22.1		µg/l		20.0		110	70-130	1	25
Ethyl ether	20.5		µg/l		20.0		103	70-130	4	50
Tert-amyl methyl ether	19.6		µg/l		20.0		98	70-130	1	25
Ethyl tert-butyl ether	18.3		µg/l		20.0		92	70-130	3	25
Di-isopropyl ether	20.6		µg/l		20.0		103	70-130	4	25
Tert-Butanol / butyl alcohol	179		µg/l		200		90	70-130	6	25
1,4-Dioxane	201		µg/l		200		101	53.8-137	3	25
trans-1,4-Dichloro-2-butene	15.2		µg/l		20.0		76	70-130	4	25
Ethanol	391		µg/l		400		98	70-130	5	30
Surrogate: 4-Bromofluorobenzene	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*51.5*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*52.5*		µg/l		*50.0*		*105*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121116 - SW846 5030 Water MS										
Matrix Spike (8121116-MS1) Source: SA88709-10										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
Benzene	19.2		µg/l		20.0	BRL	96	70-130		
Chlorobenzene	21.3		µg/l		20.0	BRL	106	70-130		
1,1-Dichloroethene	22.6		µg/l		20.0	BRL	113	70-130		
Toluene	20.2		µg/l		20.0	BRL	101	70-130		
Trichloroethene	20.1		µg/l		20.0	BRL	101	70-130		
Surrogate: 4-Bromofluorobenzene	*49.1*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*52.2*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.9*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*51.2*		µg/l		*50.0*		*102*	*70-130*		
Matrix Spike Dup (8121116-MSD1) Source: SA88709-10										
Prepared: 12-Dec-08 Analyzed: 13-Dec-08										
Benzene	19.4		µg/l		20.0	BRL	97	70-130	0.9	30
Chlorobenzene	20.7		µg/l		20.0	BRL	104	70-130	3	30
1,1-Dichloroethene	23.3		µg/l		20.0	BRL	116	70-130	3	30
Toluene	20.0		µg/l		20.0	BRL	100	70-130	0.9	30
Trichloroethene	20.2		µg/l		20.0	BRL	101	70-130	0.2	30
Surrogate: 4-Bromofluorobenzene	*46.8*		µg/l		*50.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*51.9*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Batch 8121225 - SW846 5035A Soil (low level)										
Blank (8121225-BLK1)										
Prepared & Analyzed: 15-Dec-08										
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121225 - SW846 5035A Soil (low level)										
Blank (8121225-BLK1)										
Prepared & Analyzed: 15-Dec-08										
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						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121225 - SW846 5035A Soil (low level)										
Blank (8121225-BLK1)										
Prepared & Analyzed: 15-Dec-08										
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*49.9*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*47.3*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*58.0*		µg/kg wet		*50.0*		*116*	*70-130*		
Surrogate: Dibromofluoromethane	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
LCS (8121225-BS1)										
Prepared & Analyzed: 15-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.2		µg/kg wet		20.0		106	70-130		
Acetone	8.8		µg/kg wet		20.0		44	0-168		
Acrylonitrile	17.1		µg/kg wet		20.0		85	70-130		
Benzene	20.9		µg/kg wet		20.0		105	70-130		
Bromobenzene	18.7		µg/kg wet		20.0		93	70-130		
Bromochloromethane	17.1		µg/kg wet		20.0		85	70-130		
Bromodichloromethane	19.2		µg/kg wet		20.0		96	70-130		
Bromoform	17.4		µg/kg wet		20.0		87	70-130		
Bromomethane	16.5		µg/kg wet		20.0		82	40.9-138		
2-Butanone (MEK)	14.8		µg/kg wet		20.0		74	29.8-145		
n-Butylbenzene	26.6	QC1	µg/kg wet		20.0		133	70-130		
sec-Butylbenzene	21.8		µg/kg wet		20.0		109	70-130		
tert-Butylbenzene	20.7		µg/kg wet		20.0		104	70-130		
Carbon disulfide	20.4		µg/kg wet		20.0		102	70-130		
Carbon tetrachloride	21.5		µg/kg wet		20.0		108	70-130		
Chlorobenzene	20.5		µg/kg wet		20.0		102	70-130		
Chloroethane	17.8		µg/kg wet		20.0		89	47.5-130		
Chloroform	18.4		µg/kg wet		20.0		92	70-130		
Chloromethane	14.8		µg/kg wet		20.0		74	70-130		
2-Chlorotoluene	21.4		µg/kg wet		20.0		107	70-130		
4-Chlorotoluene	20.8		µg/kg wet		20.0		104	70-130		
1,2-Dibromo-3-chloropropane	20.1		µg/kg wet		20.0		100	70-130		
Dibromochloromethane	17.7		µg/kg wet		20.0		88	66.2-130		
1,2-Dibromoethane (EDB)	16.9		µg/kg wet		20.0		84	70-130		
Dibromomethane	17.0		µg/kg wet		20.0		85	70-130		
1,2-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,3-Dichlorobenzene	19.1		µg/kg wet		20.0		95	70-130		
1,4-Dichlorobenzene	20.9		µg/kg wet		20.0		104	70-130		
Dichlorodifluoromethane (Freon12)	16.4		µg/kg wet		20.0		82	32-158		
1,1-Dichloroethane	19.2		µg/kg wet		20.0		96	70-130		
1,2-Dichloroethane	18.5		µg/kg wet		20.0		92	70-130		
1,1-Dichloroethene	21.2		µg/kg wet		20.0		106	70-130		
cis-1,2-Dichloroethene	18.2		µg/kg wet		20.0		91	70-130		
trans-1,2-Dichloroethene	20.7		µg/kg wet		20.0		104	70-130		
1,2-Dichloropropane	19.1		µg/kg wet		20.0		96	70-130		
1,3-Dichloropropane	17.2		µg/kg wet		20.0		86	70-130		
2,2-Dichloropropane	19.0		µg/kg wet		20.0		95	70-130		
1,1-Dichloropropene	22.0		µg/kg wet		20.0		110	70-130		
cis-1,3-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130		
trans-1,3-Dichloropropene	18.4		µg/kg wet		20.0		92	70-130		
Ethylbenzene	21.7		µg/kg wet		20.0		108	70-130		
Hexachlorobutadiene	24.4		µg/kg wet		20.0		122	53.6-138		
2-Hexanone (MBK)	16.5		µg/kg wet		20.0		83	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121225 - SW846 5035A Soil (low level)										
LCS (8121225-BS1)										
Prepared & Analyzed: 15-Dec-08										
Isopropylbenzene	22.5		µg/kg wet		20.0		112	70-130		
4-Isopropyltoluene	23.3		µg/kg wet		20.0		116	70-130		
Methyl tert-butyl ether	19.7		µg/kg wet		20.0		98	70-130		
4-Methyl-2-pentanone (MIBK)	18.1		µg/kg wet		20.0		90	53.5-137		
Methylene chloride	17.3		µg/kg wet		20.0		86	70-130		
Naphthalene	18.4		µg/kg wet		20.0		92	70-130		
n-Propylbenzene	22.3		µg/kg wet		20.0		112	70-130		
Styrene	20.3		µg/kg wet		20.0		101	70-130		
1,1,1,2-Tetrachloroethane	20.4		µg/kg wet		20.0		102	70-130		
1,1,2,2-Tetrachloroethane	17.7		µg/kg wet		20.0		88	70-130		
Tetrachloroethene	21.1		µg/kg wet		20.0		105	70-130		
Toluene	18.9		µg/kg wet		20.0		94	70-130		
1,2,3-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,2,4-Trichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,3,5-Trichlorobenzene	23.7		µg/kg wet		20.0		119	70-130		
1,1,1-Trichloroethane	20.9		µg/kg wet		20.0		104	70-130		
1,1,2-Trichloroethane	17.2		µg/kg wet		20.0		86	70-130		
Trichloroethene	19.7		µg/kg wet		20.0		99	70-130		
Trichlorofluoromethane (Freon 11)	20.9		µg/kg wet		20.0		105	50.9-138		
1,2,3-Trichloropropane	15.6		µg/kg wet		20.0		78	70-130		
1,2,4-Trimethylbenzene	20.9		µg/kg wet		20.0		104	70-130		
1,3,5-Trimethylbenzene	21.0		µg/kg wet		20.0		105	70-130		
Vinyl chloride	17.9		µg/kg wet		20.0		89	70-130		
m,p-Xylene	43.0		µg/kg wet		40.0		108	70-130		
o-Xylene	20.4		µg/kg wet		20.0		102	70-130		
Tetrahydrofuran	18.5		µg/kg wet		20.0		92	70-130		
Ethyl ether	20.7		µg/kg wet		20.0		103	61.4-130		
Tert-amyl methyl ether	18.2		µg/kg wet		20.0		91	70-130		
Ethyl tert-butyl ether	20.0		µg/kg wet		20.0		100	70-130		
Di-isopropyl ether	21.2		µg/kg wet		20.0		106	70-130		
Tert-Butanol / butyl alcohol	171		µg/kg wet		200		86	70-130		
1,4-Dioxane	167		µg/kg wet		200		83	48.3-142		
trans-1,4-Dichloro-2-butene	15.7		µg/kg wet		20.0		78	70-130		
Ethanol	318		µg/kg wet		400		80	70-130		
Surrogate: 4-Bromofluorobenzene	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*49.4*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.8*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*47.6*		µg/kg wet		*50.0*		*95*	*70-130*		
LCS Dup (8121225-BSD1)										
Prepared & Analyzed: 15-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.2		µg/kg wet		20.0		96	70-130	10	25
Acetone	14.4		µg/kg wet		20.0		72	0-168	49	50
Acrylonitrile	17.9		µg/kg wet		20.0		89	70-130	5	25
Benzene	19.2		µg/kg wet		20.0		96	70-130	9	25
Bromobenzene	17.4		µg/kg wet		20.0		87	70-130	7	25
Bromochloromethane	15.1		µg/kg wet		20.0		75	70-130	12	25
Bromodichloromethane	18.3		µg/kg wet		20.0		92	70-130	5	25
Bromoform	17.6		µg/kg wet		20.0		88	70-130	2	25
Bromomethane	15.9		µg/kg wet		20.0		79	40.9-138	4	50
2-Butanone (MEK)	15.6		µg/kg wet		20.0		78	29.8-145	6	50

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121225 - SW846 5035A Soil (low level)										
LCS Dup (8121225-BSD1)										
Prepared & Analyzed: 15-Dec-08										
n-Butylbenzene	19.3	QR5	µg/kg wet		20.0		97	70-130	31	25
sec-Butylbenzene	18.5		µg/kg wet		20.0		93	70-130	16	25
tert-Butylbenzene	18.3		µg/kg wet		20.0		91	70-130	13	25
Carbon disulfide	18.5		µg/kg wet		20.0		93	70-130	10	25
Carbon tetrachloride	20.4		µg/kg wet		20.0		102	70-130	6	25
Chlorobenzene	18.8		µg/kg wet		20.0		94	70-130	9	25
Chloroethane	16.5		µg/kg wet		20.0		83	47.5-130	8	50
Chloroform	17.3		µg/kg wet		20.0		87	70-130	6	25
Chloromethane	13.7	QC1	µg/kg wet		20.0		69	70-130	7	25
2-Chlorotoluene	18.9		µg/kg wet		20.0		95	70-130	12	25
4-Chlorotoluene	18.1		µg/kg wet		20.0		90	70-130	14	25
1,2-Dibromo-3-chloropropane	19.3		µg/kg wet		20.0		96	70-130	4	25
Dibromochloromethane	17.6		µg/kg wet		20.0		88	66.2-130	0.3	50
1,2-Dibromoethane (EDB)	16.8		µg/kg wet		20.0		84	70-130	0.7	25
Dibromomethane	17.1		µg/kg wet		20.0		85	70-130	0.6	25
1,2-Dichlorobenzene	18.2		µg/kg wet		20.0		91	70-130	9	25
1,3-Dichlorobenzene	17.0		µg/kg wet		20.0		85	70-130	12	25
1,4-Dichlorobenzene	18.3		µg/kg wet		20.0		92	70-130	13	25
Dichlorodifluoromethane (Freon12)	14.0		µg/kg wet		20.0		70	32-158	16	50
1,1-Dichloroethane	18.2		µg/kg wet		20.0		91	70-130	6	25
1,2-Dichloroethane	18.5		µg/kg wet		20.0		93	70-130	0.4	25
1,1-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130	10	25
cis-1,2-Dichloroethene	17.8		µg/kg wet		20.0		89	70-130	2	25
trans-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130	3	25
1,2-Dichloropropane	19.1		µg/kg wet		20.0		96	70-130	0.2	25
1,3-Dichloropropane	17.1		µg/kg wet		20.0		86	70-130	0.7	25
2,2-Dichloropropane	17.5		µg/kg wet		20.0		87	70-130	8	25
1,1-Dichloropropene	19.8		µg/kg wet		20.0		99	70-130	10	25
cis-1,3-Dichloropropene	17.9		µg/kg wet		20.0		89	70-130	5	25
trans-1,3-Dichloropropene	17.5		µg/kg wet		20.0		88	70-130	5	25
Ethylbenzene	19.5		µg/kg wet		20.0		97	70-130	11	25
Hexachlorobutadiene	17.6		µg/kg wet		20.0		88	53.6-138	33	50
2-Hexanone (MBK)	17.7		µg/kg wet		20.0		89	70-130	7	25
Isopropylbenzene	20.5		µg/kg wet		20.0		102	70-130	9	25
4-Isopropyltoluene	19.0		µg/kg wet		20.0		95	70-130	20	25
Methyl tert-butyl ether	20.1		µg/kg wet		20.0		100	70-130	2	25
4-Methyl-2-pentanone (MIBK)	18.4		µg/kg wet		20.0		92	53.5-137	2	50
Methylene chloride	16.2		µg/kg wet		20.0		81	70-130	6	25
Naphthalene	16.2		µg/kg wet		20.0		81	70-130	13	25
n-Propylbenzene	19.1		µg/kg wet		20.0		96	70-130	16	25
Styrene	18.6		µg/kg wet		20.0		93	70-130	9	25
1,1,1,2-Tetrachloroethane	19.3		µg/kg wet		20.0		96	70-130	5	25
1,1,2,2-Tetrachloroethane	17.1		µg/kg wet		20.0		86	70-130	3	25
Tetrachloroethene	17.9		µg/kg wet		20.0		89	70-130	16	25
Toluene	16.8		µg/kg wet		20.0		84	70-130	12	25
1,2,3-Trichlorobenzene	16.4		µg/kg wet		20.0		82	70-130	21	25
1,2,4-Trichlorobenzene	16.5		µg/kg wet		20.0		82	70-130	25	25
1,3,5-Trichlorobenzene	18.4		µg/kg wet		20.0		92	70-130	25	25
1,1,1-Trichloroethane	19.7		µg/kg wet		20.0		98	70-130	6	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121225 - SW846 5035A Soil (low level)										
LCS Dup (8121225-BSD1)										
Prepared & Analyzed: 15-Dec-08										
1,1,2-Trichloroethane	17.5		µg/kg wet		20.0		88	70-130	2	25
Trichloroethene	19.1		µg/kg wet		20.0		96	70-130	3	25
Trichlorofluoromethane (Freon 11)	18.7		µg/kg wet		20.0		93	50.9-138	11	50
1,2,3-Trichloropropane	16.4		µg/kg wet		20.0		82	70-130	5	25
1,2,4-Trimethylbenzene	18.4		µg/kg wet		20.0		92	70-130	13	25
1,3,5-Trimethylbenzene	18.8		µg/kg wet		20.0		94	70-130	11	25
Vinyl chloride	15.7		µg/kg wet		20.0		79	70-130	13	25
m,p-Xylene	38.3		µg/kg wet		40.0		96	70-130	12	25
o-Xylene	18.4		µg/kg wet		20.0		92	70-130	10	25
Tetrahydrofuran	19.5		µg/kg wet		20.0		98	70-130	6	25
Ethyl ether	21.6		µg/kg wet		20.0		108	61.4-130	5	50
Tert-amyl methyl ether	16.3		µg/kg wet		20.0		82	70-130	11	25
Ethyl tert-butyl ether	19.7		µg/kg wet		20.0		99	70-130	1	25
Di-isopropyl ether	20.6		µg/kg wet		20.0		103	70-130	3	25
Tert-Butanol / butyl alcohol	186		µg/kg wet		200		93	70-130	8	25
1,4-Dioxane	166		µg/kg wet		200		83	48.3-142	0.7	25
trans-1,4-Dichloro-2-butene	16.8		µg/kg wet		20.0		84	70-130	7	25
Ethanol	305		µg/kg wet		400		76	70-130	4	30
Surrogate: 4-Bromofluorobenzene	*48.5*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*47.8*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.9*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*49.0*		µg/kg wet		*50.0*		*98*	*70-130*		
Matrix Spike (8121225-MS1) **Source: SA88663-03**										
Prepared: 15-Dec-08 Analyzed: 16-Dec-08										
Benzene	15.7		µg/kg dry		20.0	BRL	78	70-130		
Chlorobenzene	12.9	QM7	µg/kg dry		20.0	BRL	64	70-130		
1,1-Dichloroethene	17.0		µg/kg dry		20.0	BRL	85	70-130		
Toluene	14.8		µg/kg dry		20.0	0.1	73	70-130		
Trichloroethene	15.3		µg/kg dry		20.0	BRL	77	70-130		
Surrogate: 4-Bromofluorobenzene	*47.8*		µg/kg dry		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*48.8*		µg/kg dry		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*60.2*		µg/kg dry		*50.0*		*120*	*70-130*		
Surrogate: Dibromofluoromethane	*52.4*		µg/kg dry		*50.0*		*105*	*70-130*		
Matrix Spike Dup (8121225-MSD1) **Source: SA88663-03**										
Prepared: 15-Dec-08 Analyzed: 16-Dec-08										
Benzene	17.7		µg/kg dry		20.0	BRL	89	70-130	12	30
Chlorobenzene	15.3		µg/kg dry		20.0	BRL	77	70-130	18	30
1,1-Dichloroethene	20.1		µg/kg dry		20.0	BRL	100	70-130	17	30
Toluene	15.7		µg/kg dry		20.0	0.1	78	70-130	6	30
Trichloroethene	17.5		µg/kg dry		20.0	BRL	87	70-130	13	30
Surrogate: 4-Bromofluorobenzene	*50.8*		µg/kg dry		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.7*		µg/kg dry		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*59.9*		µg/kg dry		*50.0*		*120*	*70-130*		
Surrogate: Dibromofluoromethane	*55.0*		µg/kg dry		*50.0*		*110*	*70-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121076 - SW846 3510C										
Blank (8121076-BLK1)										
Prepared: 12-Dec-08 Analyzed: 16-Dec-08										
Acenaphthene	BRL		µg/l	5.00						
Acenaphthylene	BRL		µg/l	5.00						
Aniline	BRL		µg/l	5.00						
Anthracene	BRL		µg/l	5.00						
Atrazine	BRL		µg/l	5.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	5.00						
Benzidine	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	5.00						
Benzo (b) fluoranthene	BRL		µg/l	5.00						
Benzo (g,h,i) perylene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	5.00						
Carbazole	BRL		µg/l	5.00						
4-Chloro-3-methylphenol	BRL		µg/l	5.00						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	BRL		µg/l	5.00						
2-Chlorophenol	BRL		µg/l	5.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	5.00						
Dibenzo (a,h) anthracene	BRL		µg/l	5.00						
Dibenzofuran	BRL		µg/l	5.00						
1,2-Dichlorobenzene	BRL		µg/l	5.00						
1,3-Dichlorobenzene	BRL		µg/l	5.00						
1,4-Dichlorobenzene	BRL		µg/l	5.00						
3,3'-Dichlorobenzidine	BRL		µg/l	5.00						
2,4-Dichlorophenol	BRL		µg/l	5.00						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	5.00						
2,4-Dimethylphenol	BRL		µg/l	5.00						
Di-n-butyl phthalate	BRL		µg/l	5.00						
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.00						
2,4-Dinitrophenol	BRL		µg/l	5.00						
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	5.00						
Di-n-octyl phthalate	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	5.00						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121076 - SW846 3510C										
Blank (8121076-BLK1)										
Prepared: 12-Dec-08 Analyzed: 16-Dec-08										
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	5.00						
2-Methylphenol	BRL		µg/l	5.00						
3 & 4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	5.00						
2-Nitroaniline	BRL		µg/l	5.00						
3-Nitroaniline	BRL		µg/l	5.00						
4-Nitroaniline	BRL		µg/l	20.0						
Nitrobenzene	BRL		µg/l	5.00						
2-Nitrophenol	BRL		µg/l	5.00						
4-Nitrophenol	BRL		µg/l	20.0						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	20.0						
Phenanthrene	BRL		µg/l	5.00						
Phenol	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	5.00						
Pyridine	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	5.00						
1,2,4-Trichlorobenzene	BRL		µg/l	5.00						
2,4,5-Trichlorophenol	BRL		µg/l	5.00						
2,4,6-Trichlorophenol	BRL		µg/l	5.00						
Pentachloronitrobenzene	BRL		µg/l	5.00						
1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.00						
Surrogate: 2-Fluorobiphenyl	*32.8*		µg/l		*50.0*		*66*	*30-130*		
Surrogate: 2-Fluorophenol	*26.0*		µg/l		*50.0*		*52*	*15-110*		
Surrogate: Nitrobenzene-d5	*31.7*		µg/l		*50.0*		*63*	*30-130*		
Surrogate: Phenol-d5	*15.6*		µg/l		*50.0*		*31*	*15-110*		
Surrogate: Terphenyl-dl4	*43.6*		µg/l		*50.0*		*87*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*38.1*		µg/l		*50.0*		*76*	*15-110*		
LCS (8121076-BS1)										
Prepared: 12-Dec-08 Analyzed: 17-Dec-08										
Acenaphthene	38.0		µg/l	5.00	50.0		76	40-130		
Acenaphthylene	39.5		µg/l	5.00	50.0		79	40-130		
Aniline	21.3		µg/l	5.00	50.0		43	40-130		
Anthracene	38.8		µg/l	5.00	50.0		78	40-130		
Atrazine	34.8		µg/l	5.00	50.0		70	40-130		
Azobenzene/Diphenyldiazine	36.5		µg/l	5.00	50.0		73	40-130		
Benzidine	BRL		µg/l	5.00	50.0			0-224		
Benzo (a) anthracene	45.6		µg/l	5.00	50.0		91	40-130		
Benzo (a) pyrene	40.3		µg/l	5.00	50.0		81	40-130		
Benzo (b) fluoranthene	38.7		µg/l	5.00	50.0		77	40-130		
Benzo (g,h,i) perylene	38.8		µg/l	5.00	50.0		78	40-130		
Benzo (k) fluoranthene	38.3		µg/l	5.00	50.0		77	40-130		
Benzoic acid	21.3		µg/l	5.00	50.0		43	40-130		
Benzyl alcohol	25.8		µg/l	5.00	50.0		52	40-130		
Bis(2-chloroethoxy)methane	38.7		µg/l	5.00	50.0		77	40-130		
Bis(2-chloroethyl)ether	37.2		µg/l	5.00	50.0		74	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 8121076 - SW846 3510C										
LCS (8121076-BS1)										
Prepared: 12-Dec-08 Analyzed: 17-Dec-08										
Bis(2-chloroisopropyl)ether	38.5		µg/l	5.00	50.0		77	40-130		
Bis(2-ethylhexyl)phthalate	53.9		µg/l	5.00	50.0		108	40-130		
4-Bromophenyl phenyl ether	42.3		µg/l	5.00	50.0		85	40-130		
Butyl benzyl phthalate	51.6		µg/l	5.00	50.0		103	40-130		
Carbazole	38.2		µg/l	5.00	50.0		76	40-130		
4-Chloro-3-methylphenol	35.9		µg/l	5.00	50.0		72	40-130		
4-Chloroaniline	27.6		µg/l	5.00	50.0		55	40-130		
2-Chloronaphthalene	34.5		µg/l	5.00	50.0		69	40-130		
2-Chlorophenol	32.9		µg/l	5.00	50.0		66	40-130		
4-Chlorophenyl phenyl ether	45.1		µg/l	5.00	50.0		90	40-130		
Chrysene	46.8		µg/l	5.00	50.0		94	40-130		
Dibenzo (a,h) anthracene	41.5		µg/l	5.00	50.0		83	40-130		
Dibenzofuran	37.3		µg/l	5.00	50.0		75	40-130		
1,2-Dichlorobenzene	31.3		µg/l	5.00	50.0		63	40-130		
1,3-Dichlorobenzene	31.4		µg/l	5.00	50.0		63	40-130		
1,4-Dichlorobenzene	31.0		µg/l	5.00	50.0		62	40-130		
3,3'-Dichlorobenzidine	31.6		µg/l	5.00	50.0		63	40-130		
2,4-Dichlorophenol	36.1		µg/l	5.00	50.0		72	40-130		
Diethyl phthalate	46.0		µg/l	5.00	50.0		92	40-130		
Dimethyl phthalate	47.8		µg/l	5.00	50.0		96	40-130		
2,4-Dimethylphenol	33.2		µg/l	5.00	50.0		66	40-130		
Di-n-butyl phthalate	45.0		µg/l	5.00	50.0		90	40-130		
4,6-Dinitro-2-methylphenol	42.2		µg/l	5.00	50.0		84	40-130		
2,4-Dinitrophenol	43.5		µg/l	5.00	50.0		87	40-130		
2,4-Dinitrotoluene	42.3		µg/l	5.00	50.0		85	40-130		
2,6-Dinitrotoluene	40.9		µg/l	5.00	50.0		82	40-130		
Di-n-octyl phthalate	44.4		µg/l	5.00	50.0		89	40-130		
Fluoranthene	38.5		µg/l	5.00	50.0		77	40-130		
Fluorene	38.1		µg/l	5.00	50.0		76	40-130		
Hexachlorobenzene	36.2		µg/l	5.00	50.0		72	40-130		
Hexachlorobutadiene	32.6		µg/l	5.00	50.0		65	40-130		
Hexachlorocyclopentadiene	27.7		µg/l	5.00	50.0		55	40-130		
Hexachloroethane	31.8		µg/l	5.00	50.0		64	40-130		
Indeno (1,2,3-cd) pyrene	41.0		µg/l	5.00	50.0		82	40-130		
Isophorone	34.2		µg/l	5.00	50.0		68	40-130		
2-Methylnaphthalene	33.8		µg/l	5.00	50.0		68	40-130		
2-Methylphenol	34.2		µg/l	5.00	50.0		68	40-130		
3 & 4-Methylphenol	33.8		µg/l	10.0	50.0		68	40-130		
Naphthalene	33.4		µg/l	5.00	50.0		67	40-130		
2-Nitroaniline	39.7		µg/l	5.00	50.0		79	40-130		
3-Nitroaniline	33.9		µg/l	5.00	50.0		68	40-130		
4-Nitroaniline	38.3		µg/l	20.0	50.0		77	40-130		
Nitrobenzene	32.0		µg/l	5.00	50.0		64	40-130		
2-Nitrophenol	34.9		µg/l	5.00	50.0		70	40-130		
4-Nitrophenol	26.8		µg/l	20.0	50.0		54	40-130		
N-Nitrosodimethylamine	7.36	QC2	µg/l	5.00	50.0		15	40-130		
N-Nitrosodi-n-propylamine	40.0		µg/l	5.00	50.0		80	40-130		
N-Nitrosodiphenylamine	42.1		µg/l	5.00	50.0		84	40-130		
Pentachlorophenol	41.1		µg/l	20.0	50.0		82	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 8121076 - SW846 3510C										
LCS (8121076-BS1)										
Prepared: 12-Dec-08 Analyzed: 17-Dec-08										
Phenanthrene	37.6		µg/l	5.00	50.0		75	40-130		
Phenol	19.6	QC2	µg/l	5.00	50.0		39	40-130		
Pyrene	45.8		µg/l	5.00	50.0		92	40-130		
Pyridine	4.52		µg/l	5.00	50.0		9	0-130		
1,2,4-Trichlorobenzene	31.9		µg/l	5.00	50.0		64	40-130		
1-Methylnaphthalene	36.1		µg/l	5.00	50.0		72	40-140		
2,4,5-Trichlorophenol	40.3		µg/l	5.00	50.0		81	40-130		
2,4,6-Trichlorophenol	37.8		µg/l	5.00	50.0		76	40-130		
Pentachloronitrobenzene	38.3		µg/l	5.00	50.0		77	40-140		
1,2,4,5-Tetrachlorobenzene	32.7		µg/l	5.00	50.0		65	40-140		
Surrogate: 2-Fluorobiphenyl	*33.6*		µg/l		*50.0*		*67*	*30-130*		
Surrogate: 2-Fluorophenol	*23.1*		µg/l		*50.0*		*46*	*15-110*		
Surrogate: Nitrobenzene-d5	*32.1*		µg/l		*50.0*		*64*	*30-130*		
Surrogate: Phenol-d5	*14.7*		µg/l		*50.0*		*29*	*15-110*		
Surrogate: Terphenyl-dl4	*41.5*		µg/l		*50.0*		*83*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*39.3*		µg/l		*50.0*		*79*	*15-110*		
Batch 8121325 - SW846 3550B										
Blank (8121325-BLK1)										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121325 - SW846 3550B										
Blank (8121325-BLK1)										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
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						
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	*1210*		µg/kg wet		*3330*		*36*	*30-130*		
Surrogate: 2-Fluorophenol	*1180*		µg/kg wet		*3330*		*35*	*15-110*		
Surrogate: Nitrobenzene-d5	*1070*		µg/kg wet		*3330*		*32*	*30-130*		
Surrogate: Phenol-d5	*1270*		µg/kg wet		*3330*		*38*	*15-110*		
Surrogate: Terphenyl-dl4	*1250*		µg/kg wet		*3330*		*37*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*67.3*	SGC	µg/kg wet		*3330*		*2*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121325 - SW846 3550B										
LCS (8121325-BS1)										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
Acenaphthene	2210		µg/kg wet	330	3330		66	40-130		
Acenaphthylene	2230		µg/kg wet	330	3330		67	40-130		
Aniline	798	QC2	µg/kg wet	330	3330		24	40-130		
Anthracene	2410		µg/kg wet	330	3330		72	40-130		
Atrazine	1900		µg/kg wet	330	3330		57	40-130		
Azobenzene/Diphenyldiazine	2390		µg/kg wet	330	3330		72	40-130		
Benzidine	BRL		µg/kg wet	330	3330			0-130		
Benzo (a) anthracene	2370		µg/kg wet	330	3330		71	40-130		
Benzo (a) pyrene	2230		µg/kg wet	330	3330		67	40-130		
Benzo (b) fluoranthene	2190		µg/kg wet	330	3330		66	40-130		
Benzo (g,h,i) perylene	2120		µg/kg wet	330	3330		64	40-130		
Benzo (k) fluoranthene	2430		µg/kg wet	330	3330		73	40-130		
Benzoic acid	1610		µg/kg wet	330	3330		48	3.25-130		
Benzyl alcohol	2110		µg/kg wet	330	3330		63	40-130		
Bis(2-chloroethoxy)methane	2740		µg/kg wet	330	3330		82	40-130		
Bis(2-chloroethyl)ether	2910		µg/kg wet	330	3330		87	40-130		
Bis(2-chloroisopropyl)ether	2610		µg/kg wet	330	3330		78	40-130		
Bis(2-ethylhexyl)phthalate	2810		µg/kg wet	330	3330		84	40-130		
4-Bromophenyl phenyl ether	2570		µg/kg wet	330	3330		77	40-130		
Butyl benzyl phthalate	2750		µg/kg wet	330	3330		83	40-130		
Carbazole	2560		µg/kg wet	330	3330		77	40-130		
4-Chloro-3-methylphenol	2480		µg/kg wet	330	3330		74	40-130		
4-Chloroaniline	1640		µg/kg wet	330	3330		49	40-130		
2-Chloronaphthalene	2090		µg/kg wet	330	3330		63	40-130		
2-Chlorophenol	2120		µg/kg wet	330	3330		64	40-130		
4-Chlorophenyl phenyl ether	2510		µg/kg wet	330	3330		75	40-130		
Chrysene	2420		µg/kg wet	330	3330		73	40-130		
Dibenzo (a,h) anthracene	2220		µg/kg wet	330	3330		67	40-130		
Dibenzofuran	2120		µg/kg wet	330	3330		64	40-130		
1,2-Dichlorobenzene	2140		µg/kg wet	330	3330		64	40-130		
1,3-Dichlorobenzene	2400		µg/kg wet	330	3330		72	40-130		
1,4-Dichlorobenzene	1630		µg/kg wet	330	3330		49	40-130		
3,3'-Dichlorobenzidine	2200		µg/kg wet	330	3330		66	40-130		
2,4-Dichlorophenol	2300		µg/kg wet	330	3330		69	40-130		
Diethyl phthalate	2540		µg/kg wet	330	3330		76	40-130		
Dimethyl phthalate	2520		µg/kg wet	330	3330		76	40-130		
2,4-Dimethylphenol	1960		µg/kg wet	330	3330		59	40-130		
Di-n-butyl phthalate	2700		µg/kg wet	330	3330		81	40-130		
4,6-Dinitro-2-methylphenol	2380		µg/kg wet	330	3330		72	40-130		
2,4-Dinitrophenol	2370		µg/kg wet	330	3330		71	40-130		
2,4-Dinitrotoluene	2440		µg/kg wet	330	3330		73	40-130		
2,6-Dinitrotoluene	2370		µg/kg wet	330	3330		71	40-130		
Di-n-octyl phthalate	2730		µg/kg wet	330	3330		82	40-130		
Fluoranthene	2390		µg/kg wet	330	3330		72	40-130		
Fluorene	2320		µg/kg wet	330	3330		70	40-130		
Hexachlorobenzene	156	QC2	µg/kg wet	330	3330		5	40-130		
Hexachlorobutadiene	2050		µg/kg wet	330	3330		61	40-130		
Hexachlorocyclopentadiene	1520		µg/kg wet	330	3330		46	40-130		
Hexachloroethane	2080		µg/kg wet	330	3330		62	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 8121325 - SW846 3550B										
LCS (8121325-BS1)										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
Indeno (1,2,3-cd) pyrene	2070		µg/kg wet	330	3330		62	40-130		
Isophorone	2400		µg/kg wet	330	3330		72	40-130		
1-Methylnaphthalene	2310		µg/kg wet	330	3330		69	40-140		
2-Methylnaphthalene	2620		µg/kg wet	330	3330		79	40-130		
2-Methylphenol	2200		µg/kg wet	330	3330		66	40-130		
3 & 4-Methylphenol	2300		µg/kg wet	330	3330		69	40-130		
Naphthalene	2220		µg/kg wet	330	3330		67	40-130		
2-Nitroaniline	2480		µg/kg wet	330	3330		74	40-130		
3-Nitroaniline	2070		µg/kg wet	330	3330		62	40-130		
4-Nitroaniline	2450		µg/kg wet	1320	3330		74	40-130		
Nitrobenzene	2690		µg/kg wet	330	3330		81	40-130		
2-Nitrophenol	2280		µg/kg wet	330	3330		68	40-130		
4-Nitrophenol	2500		µg/kg wet	1320	3330		75	40-130		
N-Nitrosodimethylamine	3150		µg/kg wet	330	3330		95	40-130		
N-Nitrosodi-n-propylamine	2500		µg/kg wet	330	3330		75	40-130		
N-Nitrosodiphenylamine	2730		µg/kg wet	330	3330		82	40-130		
Pentachlorophenol	2200		µg/kg wet	330	3330		66	40-130		
Phenanthrene	2240		µg/kg wet	330	3330		67	40-130		
Phenol	2100		µg/kg wet	330	3330		63	40-130		
Pyrene	2280		µg/kg wet	330	3330		68	40-130		
Pyridine	489		µg/kg wet	330	3330		15	0-130		
1,2,4-Trichlorobenzene	2040		µg/kg wet	330	3330		61	40-130		
2,4,5-Trichlorophenol	2190		µg/kg wet	330	3330		66	40-130		
2,4,6-Trichlorophenol	2120		µg/kg wet	330	3330		64	40-130		
Pentachloronitrobenzene	2300		µg/kg wet	330	3330		69	40-140		
1,2,4,5-Tetrachlorobenzene	1980		µg/kg wet	330	3330		59	40-140		
Surrogate: 2-Fluorobiphenyl	*2100*		µg/kg wet		*3330*		*63*	*30-130*		
Surrogate: 2-Fluorophenol	*1980*		µg/kg wet		*3330*		*59*	*15-110*		
Surrogate: Nitrobenzene-d5	*2240*		µg/kg wet		*3330*		*67*	*30-130*		
Surrogate: Phenol-d5	*2300*		µg/kg wet		*3330*		*69*	*15-110*		
Surrogate: Terphenyl-d14	*2150*		µg/kg wet		*3330*		*64*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*186*	SGC	µg/kg wet		*3330*		*6*	*15-110*		
Duplicate (8121325-DUP1) **Source: SA88675-05**										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
Acenaphthene	BRL		µg/kg dry	382		BRL				50
Acenaphthylene	BRL		µg/kg dry	382		BRL				50
Aniline	BRL		µg/kg dry	382		BRL				50
Anthracene	BRL		µg/kg dry	382		BRL				50
Atrazine	BRL		µg/kg dry	382		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	382		BRL				50
Benzidine	BRL		µg/kg dry	382		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	382		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	382		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	382		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	382		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	382		BRL				50
Benzoic acid	BRL		µg/kg dry	382		BRL				50
Benzyl alcohol	BRL		µg/kg dry	382		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	382		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	382		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121325 - SW846 3550B										
Duplicate (8121325-DUP1) **Source: SA88675-05**										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	382		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	382		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	382		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	382		BRL				50
Carbazole	BRL		µg/kg dry	382		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	382		BRL				50
4-Chloroaniline	BRL		µg/kg dry	382		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	382		BRL				50
2-Chlorophenol	BRL		µg/kg dry	382		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	382		BRL				50
Chrysene	BRL		µg/kg dry	382		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	382		BRL				50
Dibenzofuran	BRL		µg/kg dry	382		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	382		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	382		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	382		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	382		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	382		BRL				50
Diethyl phthalate	BRL		µg/kg dry	382		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	382		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	382		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	382		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	382		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	382		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	382		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	382		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	382		BRL				50
Fluoranthene	BRL		µg/kg dry	382		BRL				50
Fluorene	BRL		µg/kg dry	382		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	382		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	382		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	382		BRL				50
Hexachloroethane	BRL		µg/kg dry	382		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	382		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	382		BRL				50
Isophorone	BRL		µg/kg dry	382		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	382		BRL				50
2-Methylphenol	BRL		µg/kg dry	382		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	382		BRL				50
Naphthalene	BRL		µg/kg dry	382		BRL				50
2-Nitroaniline	BRL		µg/kg dry	382		BRL				50
3-Nitroaniline	BRL		µg/kg dry	382		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1530		BRL				50
Nitrobenzene	BRL		µg/kg dry	382		BRL				50
2-Nitrophenol	BRL		µg/kg dry	382		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1530		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	382		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	382		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	382		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121325 - SW846 3550B										
Duplicate (8121325-DUP1) Source: SA88675-05										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
Pentachlorophenol	BRL		µg/kg dry	382		BRL				50
Phenanthrene	BRL		µg/kg dry	382		BRL				50
Phenol	BRL		µg/kg dry	382		BRL				50
Pyrene	BRL		µg/kg dry	382		BRL				50
Pyridine	BRL		µg/kg dry	382		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	382		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	382		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	382		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	382		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	382		BRL				50
Surrogate: 2-Fluorobiphenyl	*1340*		µg/kg dry		*1930*		*70*	*30-130*		
Surrogate: 2-Fluorophenol	*1320*		µg/kg dry		*1930*		*68*	*15-110*		
Surrogate: Nitrobenzene-d5	*1170*		µg/kg dry		*1930*		*60*	*30-130*		
Surrogate: Phenol-d5	*1330*		µg/kg dry		*1930*		*69*	*15-110*		
Surrogate: Terphenyl-dl4	*1420*		µg/kg dry		*1930*		*74*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*80.2*	SGC	µg/kg dry		*1930*		*4*	*15-110*		
Matrix Spike (8121325-MS1) Source: SA88675-05										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
Acenaphthene	1270		µg/kg dry	191	1930	BRL	66	40-140		
Benzo (b) fluoranthene	1040		µg/kg dry	191	1930	BRL	54	40-140		
Benzo (k) fluoranthene	1680		µg/kg dry	191	1930	BRL	87	40-140		
4-Chloro-3-methylphenol	1340		µg/kg dry	191	1930	BRL	70	30-130		
2-Chlorophenol	1210		µg/kg dry	191	1930	BRL	63	30-130		
Chrysene	1390		µg/kg dry	191	1930	BRL	72	40-140		
1,4-Dichlorobenzene	1260		µg/kg dry	191	1930	BRL	65	40-140		
Indeno (1,2,3-cd) pyrene	1220		µg/kg dry	191	1930	BRL	63	40-140		
Naphthalene	1280		µg/kg dry	191	1930	BRL	67	40-140		
4-Nitrophenol	1370		µg/kg dry	764	1930	BRL	71	30-130		
N-Nitrosodi-n-propylamine	1410		µg/kg dry	191	1930	BRL	73	40-140		
Pentachlorophenol	1260		µg/kg dry	191	1930	BRL	65	30-130		
Phenol	1210		µg/kg dry	191	1930	BRL	63	30-130		
Pyrene	1410		µg/kg dry	191	1930	BRL	73	40-140		
1,2,4-Trichlorobenzene	1180		µg/kg dry	191	1930	BRL	61	40-140		
Surrogate: 2-Fluorobiphenyl	*1170*		µg/kg dry		*1930*		*61*	*30-130*		
Surrogate: 2-Fluorophenol	*1100*		µg/kg dry		*1930*		*57*	*15-110*		
Surrogate: Nitrobenzene-d5	*1230*		µg/kg dry		*1930*		*64*	*30-130*		
Surrogate: Phenol-d5	*1270*		µg/kg dry		*1930*		*66*	*15-110*		
Surrogate: Terphenyl-dl4	*1240*		µg/kg dry		*1930*		*64*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*103*	SGC	µg/kg dry		*1930*		*5*	*15-110*		
Matrix Spike Dup (8121325-MSD1) Source: SA88675-05										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
Acenaphthene	1190		µg/kg dry	188	1900	BRL	63	40-140	5	30
Benzo (b) fluoranthene	973		µg/kg dry	188	1900	BRL	51	40-140	5	30
Benzo (k) fluoranthene	1540		µg/kg dry	188	1900	BRL	81	40-140	7	30
4-Chloro-3-methylphenol	1260		µg/kg dry	188	1900	BRL	66	30-130	5	30
2-Chlorophenol	1140		µg/kg dry	188	1900	BRL	60	30-130	4	30
Chrysene	1280		µg/kg dry	188	1900	BRL	68	40-140	6	30
1,4-Dichlorobenzene	1200		µg/kg dry	188	1900	BRL	64	40-140	3	30
Indeno (1,2,3-cd) pyrene	1110		µg/kg dry	188	1900	BRL	59	40-140	7	30
Naphthalene	1210		µg/kg dry	188	1900	BRL	64	40-140	4	30
4-Nitrophenol	1250		µg/kg dry	751	1900	BRL	66	30-130	7	30

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121325 - SW846 3550B										
Matrix Spike Dup (8121325-MSD1) **Source: SA88675-05**										
Prepared: 16-Dec-08 Analyzed: 23-Dec-08										
N-Nitrosodi-n-propylamine	1330		µg/kg dry	188	1900	BRL	70	40-140	4	30
Pentachlorophenol	1070		µg/kg dry	188	1900	BRL	57	30-130	14	30
Phenol	1150		µg/kg dry	188	1900	BRL	61	30-130	3	30
Pyrene	1290		µg/kg dry	188	1900	BRL	68	40-140	7	30
1,2,4-Trichlorobenzene	1110		µg/kg dry	188	1900	BRL	58	40-140	4	30
Surrogate: 2-Fluorobiphenyl	*1130*		µg/kg dry		*1900*		*60*	*30-130*		
Surrogate: 2-Fluorophenol	*1080*		µg/kg dry		*1900*		*57*	*15-110*		
Surrogate: Nitrobenzene-d5	*1200*		µg/kg dry		*1900*		*63*	*30-130*		
Surrogate: Phenol-d5	*1230*		µg/kg dry		*1900*		*65*	*15-110*		
Surrogate: Terphenyl-dl4	*1150*		µg/kg dry		*1900*		*61*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*95.1*	SGC	µg/kg dry		*1900*		*5*	*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 8120969 - SW846 3510C										
Blank (8120969-BLK1)										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
PCB 1016	BRL		µg/l	0.200						
PCB 1221	BRL		µg/l	0.200						
PCB 1232	BRL		µg/l	0.200						
PCB 1242	BRL		µg/l	0.200						
PCB 1248	BRL		µg/l	0.200						
PCB 1254	BRL		µg/l	0.200						
PCB 1260	BRL		µg/l	0.200						
PCB 1262	BRL		µg/l	0.200						
PCB 1268	BRL		µg/l	0.200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*BRL*		µg/l		*0.200*		*88*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*BRL*		µg/l		*0.200*		*66*	*30-150*		
LCS (8120969-BS1)										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
PCB 1016	2.09		µg/l	0.200	2.50		83	40-140		
PCB 1260	2.44		µg/l	0.200	2.50		97	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.161*		µg/l		*0.200*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.210*		µg/l		*0.200*		*105*	*30-150*		
LCS Dup (8120969-BSD1)										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
PCB 1016	2.11		µg/l	0.200	2.50		85	40-140	1	20
PCB 1260	2.55		µg/l	0.200	2.50		102	40-140	5	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.144*		µg/l		*0.200*		*72*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.218*		µg/l		*0.200*		*109*	*30-150*		
Batch 8120971 - SW846 3510C										
Blank (8120971-BLK1)										
Prepared & Analyzed: 11-Dec-08										
2,4,5-T	BRL		µg/l	0.100						
2,4,5-T [2C]	BRL		µg/l	0.100						
2,4,5-TP (Silvex)	BRL		µg/l	0.100						
2,4,5-TP (Silvex) [2C]	BRL		µg/l	0.100						
2,4-D	BRL		µg/l	0.100						
2,4-D [2C]	BRL		µg/l	0.100						
2,4-DB	BRL		µg/l	0.100						
2,4-DB [2C]	BRL		µg/l	0.100						
Dalapon	BRL		µg/l	0.100						
Dalapon [2C]	BRL		µg/l	0.100						
Dicamba	BRL		µg/l	0.100						
Dicamba [2C]	BRL		µg/l	0.100						
Dichlorprop	BRL		µg/l	0.100						
Dichlorprop [2C]	BRL		µg/l	0.100						
Dinoseb	BRL		µg/l	0.100						
Dinoseb [2C]	BRL		µg/l	0.100						
MCPA	BRL		µg/l	1.50						
MCPA [2C]	BRL		µg/l	1.50						
MCPB	BRL		µg/l	1.50						
MCPB [2C]	BRL		µg/l	1.50						
MCPP	BRL		µg/l	1.50						
MCPP [2C]	BRL		µg/l	1.50						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.235*		µg/l		*0.200*		*118*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120971 - SW846 3510C										
Blank (8120971-BLK1)										
Prepared & Analyzed: 11-Dec-08										
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*0.248*		µg/l		*0.200*		*124*	*30-150*		
LCS (8120971-BS1)										
Prepared & Analyzed: 11-Dec-08										
2,4,5-T	0.421		µg/l	0.100	0.500		84	40-140		
2,4,5-T [2C]	0.370		µg/l	0.100	0.500		74	40-140		
2,4,5-TP (Silvex)	0.453		µg/l	0.100	0.500		91	40-140		
2,4,5-TP (Silvex) [2C]	0.426		µg/l	0.100	0.500		85	40-140		
2,4-D	0.416		µg/l	0.100	0.500		83	40-140		
2,4-D [2C]	0.340		µg/l	0.100	0.500		68	40-140		
2,4-DB	0.356		µg/l	0.100	0.500		71	40-140		
2,4-DB [2C]	0.308		µg/l	0.100	0.500		62	40-140		
Dalapon	0.331		µg/l	0.100	0.500		66	40-140		
Dalapon [2C]	0.380		µg/l	0.100	0.500		76	40-140		
Dicamba	0.433		µg/l	0.100	0.500		87	40-140		
Dicamba [2C]	0.475		µg/l	0.100	0.500		95	40-140		
Dichlorprop	0.408		µg/l	0.100	0.500		82	40-140		
Dichlorprop [2C]	0.472		µg/l	0.100	0.500		94	40-140		
Dinoseb	0.499		µg/l	0.100	0.500		100	40-140		
Dinoseb [2C]	0.491		µg/l	0.100	0.500		98	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.234*		µg/l		*0.200*		*117*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*0.248*		µg/l		*0.200*		*124*	*30-150*		
LCS (8120971-BS2)										
Prepared & Analyzed: 11-Dec-08										
MCPA	128		µg/l	1.50	150		85	40-140		
MCPA [2C]	138		µg/l	1.50	150		92	40-140		
MCPB	125		µg/l	1.50	150		83	40-140		
MCPB [2C]	141		µg/l	1.50	150		94	40-140		
MCPP	115		µg/l	1.50	150		77	40-140		
MCPP [2C]	114		µg/l	1.50	150		76	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.221*		µg/l		*0.200*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*0.222*		µg/l		*0.200*		*111*	*30-150*		
LCS Dup (8120971-BSD1)										
Prepared & Analyzed: 11-Dec-08										
2,4,5-T	0.397		µg/l	0.100	0.500		79	40-140	6	25
2,4,5-T [2C]	0.369		µg/l	0.100	0.500		74	40-140	0.3	25
2,4,5-TP (Silvex)	0.431		µg/l	0.100	0.500		86	40-140	5	25
2,4,5-TP (Silvex) [2C]	0.416		µg/l	0.100	0.500		83	40-140	2	25
2,4-D	0.406		µg/l	0.100	0.500		81	40-140	2	25
2,4-D [2C]	0.369		µg/l	0.100	0.500		74	40-140	8	25
2,4-DB	0.372		µg/l	0.100	0.500		74	40-140	4	25
2,4-DB [2C]	0.313		µg/l	0.100	0.500		63	40-140	2	25
Dalapon	0.321		µg/l	0.100	0.500		64	40-140	3	25
Dalapon [2C]	0.372		µg/l	0.100	0.500		74	40-140	2	25
Dicamba	0.435		µg/l	0.100	0.500		87	40-140	0.5	25
Dicamba [2C]	0.479		µg/l	0.100	0.500		96	40-140	0.8	25
Dichlorprop	0.432		µg/l	0.100	0.500		86	40-140	6	25
Dichlorprop [2C]	0.462		µg/l	0.100	0.500		92	40-140	2	25
Dinoseb	0.444		µg/l	0.100	0.500		89	40-140	12	25
Dinoseb [2C]	0.476		µg/l	0.100	0.500		95	40-140	3	25

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120971 - SW846 3510C										
LCS Dup (8120971-BSD1)										
Prepared & Analyzed: 11-Dec-08										
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.216*		µg/l		*0.200*		*108*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*0.238*		µg/l		*0.200*		*119*	*30-150*		
LCS Dup (8120971-BSD2)										
Prepared & Analyzed: 11-Dec-08										
MCPA	131		µg/l	1.50	150		87	40-140	2	25
MCPA [2C]	147		µg/l	1.50	150		98	40-140	6	25
MCPB	126		µg/l	1.50	150		84	40-140	0.8	25
MCPB [2C]	142		µg/l	1.50	150		95	40-140	0.7	25
MCPP	120		µg/l	1.50	150		80	40-140	4	25
MCPP [2C]	120		µg/l	1.50	150		80	40-140	5	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.229*		µg/l		*0.200*		*114*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*0.240*		µg/l		*0.200*		*120*	*30-150*		
Batch 8121397 - SW846 3550B										
Blank (8121397-BLK1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
2,4,5-T	BRL		µg/kg wet	6.70						
2,4,5-T [2C]	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex)	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex) [2C]	BRL		µg/kg wet	6.70						
2,4-D	BRL		µg/kg wet	6.70						
2,4-D [2C]	BRL		µg/kg wet	6.70						
2,4-DB	BRL		µg/kg wet	6.70						
2,4-DB [2C]	BRL		µg/kg wet	6.70						
Dalapon	BRL		µg/kg wet	6.70						
Dalapon [2C]	BRL		µg/kg wet	6.70						
Dicamba	BRL		µg/kg wet	6.70						
Dicamba [2C]	BRL		µg/kg wet	6.70						
Dichlorprop	BRL		µg/kg wet	6.70						
Dichlorprop [2C]	BRL		µg/kg wet	6.70						
Dinoseb	BRL		µg/kg wet	6.70						
Dinoseb [2C]	BRL		µg/kg wet	6.70						
MCPA	BRL		µg/kg wet	670						
MCPA [2C]	BRL		µg/kg wet	670						
MCPB	BRL		µg/kg wet	670						
MCPB [2C]	BRL		µg/kg wet	670						
MCPP	BRL		µg/kg wet	670						
MCPP [2C]	BRL		µg/kg wet	670						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg wet		*13.3*		*128*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*17.7*		µg/kg wet		*13.3*		*133*	*30-150*		
LCS (8121397-BS1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
2,4,5-T	31.7		µg/kg wet	6.70	33.3		95	40-140		
2,4,5-T [2C]	32.8		µg/kg wet	6.70	33.3		98	40-140		
2,4,5-TP (Silvex)	32.6		µg/kg wet	6.70	33.3		98	40-140		
2,4,5-TP (Silvex) [2C]	31.3		µg/kg wet	6.70	33.3		94	40-140		
2,4-D	32.1		µg/kg wet	6.70	33.3		96	40-140		
2,4-D [2C]	30.1		µg/kg wet	6.70	33.3		90	40-140		
2,4-DB	32.1		µg/kg wet	6.70	33.3		96	40-140		
2,4-DB [2C]	31.5		µg/kg wet	6.70	33.3		94	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121397 - SW846 3550B										
LCS (8121397-BS1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Dalapon	18.6		µg/kg wet	6.70	33.3		56	40-140		
Dalapon [2C]	22.7		µg/kg wet	6.70	33.3		68	40-140		
Dicamba	30.2		µg/kg wet	6.70	33.3		91	40-140		
Dicamba [2C]	32.1		µg/kg wet	6.70	33.3		96	40-140		
Dichlorprop	32.8		µg/kg wet	6.70	33.3		98	40-140		
Dichlorprop [2C]	30.9		µg/kg wet	6.70	33.3		93	40-140		
Dinoseb	33.3		µg/kg wet	6.70	33.3		100	40-140		
Dinoseb [2C]	34.8		µg/kg wet	6.70	33.3		104	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.3*		µg/kg wet		*13.3*		*122*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*18.1*		µg/kg wet		*13.3*		*136*	*30-150*		
LCS (8121397-BS2)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
MCPA	9400		µg/kg wet	670	10000		94	40-140		
MCPA [2C]	10900		µg/kg wet	670	10000		109	40-140		
MCPB	9530		µg/kg wet	670	10000		95	40-140		
MCPB [2C]	10300		µg/kg wet	670	10000		103	40-140		
MCPP	9530		µg/kg wet	670	10000		95	40-140		
MCPP [2C]	9470		µg/kg wet	670	10000		95	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.2*		µg/kg wet		*13.3*		*129*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*18.1*		µg/kg wet		*13.3*		*136*	*30-150*		
LCS Dup (8121397-BSD1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
2,4,5-T	29.3		µg/kg wet	6.70	33.3		88	40-140	8	25
2,4,5-T [2C]	30.2		µg/kg wet	6.70	33.3		91	40-140	8	25
2,4,5-TP (Silvex)	31.8		µg/kg wet	6.70	33.3		95	40-140	2	25
2,4,5-TP (Silvex) [2C]	29.6		µg/kg wet	6.70	33.3		89	40-140	5	25
2,4-D	31.5		µg/kg wet	6.70	33.3		95	40-140	2	25
2,4-D [2C]	27.6		µg/kg wet	6.70	33.3		83	40-140	9	25
2,4-DB	30.9		µg/kg wet	6.70	33.3		93	40-140	4	25
2,4-DB [2C]	30.6		µg/kg wet	6.70	33.3		92	40-140	3	25
Dalapon	18.7		µg/kg wet	6.70	33.3		56	40-140	0.4	25
Dalapon [2C]	22.5		µg/kg wet	6.70	33.3		67	40-140	1	25
Dicamba	29.0		µg/kg wet	6.70	33.3		87	40-140	4	25
Dicamba [2C]	32.9		µg/kg wet	6.70	33.3		99	40-140	2	25
Dichlorprop	31.5		µg/kg wet	6.70	33.3		94	40-140	4	25
Dichlorprop [2C]	30.2		µg/kg wet	6.70	33.3		91	40-140	2	25
Dinoseb	33.3		µg/kg wet	6.70	33.3		100	40-140	0	25
Dinoseb [2C]	31.8		µg/kg wet	6.70	33.3		95	40-140	9	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.2*		µg/kg wet		*13.3*		*114*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*17.7*		µg/kg wet		*13.3*		*133*	*30-150*		
LCS Dup (8121397-BSD2)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
MCPA	9200		µg/kg wet	670	10000		92	40-140	2	25
MCPA [2C]	10700		µg/kg wet	670	10000		107	40-140	2	25
MCPB	9470		µg/kg wet	670	10000		95	40-140	0.7	25
MCPB [2C]	10300		µg/kg wet	670	10000		103	40-140	0.6	25
MCPP	9470		µg/kg wet	670	10000		95	40-140	0.7	25
MCPP [2C]	8670		µg/kg wet	670	10000		87	40-140	9	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.5*		µg/kg wet		*13.3*		*124*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121397 - SW846 3550B										
LCS Dup (8121397-BSD2)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*17.7*		µg/kg wet		*13.3*		*133*	*30-150*		
Duplicate (8121397-DUP1) **Source: SA88675-05**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
2,4,5-T	BRL		µg/kg dry	6.70		BRL				30
2,4,5-T [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex) [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-D	BRL		µg/kg dry	6.70		BRL				30
2,4-D [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-DB	BRL		µg/kg dry	6.70		BRL				30
2,4-DB [2C]	BRL		µg/kg dry	6.70		BRL				30
Dalapon	BRL		µg/kg dry	6.70		BRL				30
Dalapon [2C]	BRL		µg/kg dry	6.70		BRL				30
Dicamba	BRL		µg/kg dry	6.70		BRL				30
Dicamba [2C]	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop [2C]	BRL		µg/kg dry	6.70		BRL				30
Dinoseb	BRL		µg/kg dry	6.70		BRL				30
Dinoseb [2C]	BRL		µg/kg dry	6.70		BRL				30
MCPA	BRL		µg/kg dry	670		BRL				30
MCPA [2C]	BRL		µg/kg dry	670		BRL				30
MCPB	BRL		µg/kg dry	670		BRL				30
MCPB [2C]	BRL		µg/kg dry	670		BRL				30
MCPP	BRL		µg/kg dry	670		BRL				30
MCPP [2C]	BRL		µg/kg dry	670		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.8*		µg/kg dry		*15.1*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*11.6*		µg/kg dry		*15.1*		*77*	*30-150*		
Batch 8121501 - SW846 3550B										
Blank (8121501-BLK1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
PCB 1016	BRL		µg/kg wet	20.0						
PCB 1221	BRL		µg/kg wet	20.0						
PCB 1232	BRL		µg/kg wet	20.0						
PCB 1242	BRL		µg/kg wet	20.0						
PCB 1248	BRL		µg/kg wet	20.0						
PCB 1254	BRL		µg/kg wet	20.0						
PCB 1260	BRL		µg/kg wet	20.0						
PCB 1262	BRL		µg/kg wet	20.0						
PCB 1268	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
LCS (8121501-BS1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
PCB 1016	247		µg/kg wet	20.0	250		99	40-140		
PCB 1260	278		µg/kg wet	20.0	250		111	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121501 - SW846 3550B										
LCS Dup (8121501-BSD1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
PCB 1016	233		µg/kg wet	20.0	250		93	40-140	6	30
PCB 1260	214		µg/kg wet	20.0	250		86	40-140	26	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Duplicate (8121501-DUP1) **Source: SA88676-05**										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
PCB 1016	BRL		µg/kg dry	25.2		BRL				40
PCB 1221	BRL		µg/kg dry	25.2		BRL				40
PCB 1232	BRL		µg/kg dry	25.2		BRL				40
PCB 1242	BRL		µg/kg dry	25.2		BRL				40
PCB 1248	BRL		µg/kg dry	25.2		BRL				40
PCB 1254	BRL		µg/kg dry	25.2		BRL				40
PCB 1260	BRL		µg/kg dry	25.2		BRL				40
PCB 1262	BRL		µg/kg dry	25.2		BRL				40
PCB 1268	BRL		µg/kg dry	25.2		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*25.2*		µg/kg dry		*25.2*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*29.0*		µg/kg dry		*25.2*		*115*	*30-150*		
Matrix Spike (8121501-MS1) **Source: SA88676-05**										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
PCB 1016	318		µg/kg dry	25.3	315	BRL	101	40-140		
PCB 1260	323		µg/kg dry	25.3	315	BRL	102	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*26.5*		µg/kg dry		*25.2*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.0*		µg/kg dry		*25.2*		*95*	*30-150*		
Matrix Spike Dup (8121501-MSD1) **Source: SA88676-05**										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
PCB 1016	303		µg/kg dry	24.9	311	BRL	97	40-140	3	50
PCB 1260	297		µg/kg dry	24.9	311	BRL	96	40-140	7	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*24.9*		µg/kg dry		*24.9*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.1*		µg/kg dry		*24.9*		*85*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121075 - SW846 3510C										
Blank (8121075-BLK1)										
Prepared: 12-Dec-08 Analyzed: 16-Dec-08										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0289*		mg/l		*0.0500*		*58*	*50-150*		
LCS (8121075-BS1)										
Prepared: 12-Dec-08 Analyzed: 16-Dec-08										
C9-C36 Aliphatic Hydrocarbons	1.5		mg/l	0.05	1.40		107	60-120		
Surrogate: 1-Chlorooctadecane	*0.0304*		mg/l		*0.0500*		*61*	*50-150*		
Matrix Spike (8121075-MS1) **Source: SA88658-07**										
Prepared: 12-Dec-08 Analyzed: 17-Dec-08										
C9-C36 Aliphatic Hydrocarbons	1.0		mg/l	0.05	1.47	BRL	71	50-150		
Surrogate: 1-Chlorooctadecane	*0.0274*		mg/l		*0.0526*		*52*	*50-150*		
Matrix Spike Dup (8121075-MSD1) **Source: SA88658-07**										
Prepared: 12-Dec-08 Analyzed: 17-Dec-08										
C9-C36 Aliphatic Hydrocarbons	1.0		mg/l	0.05	1.43	BRL	70	50-150	2	30
Surrogate: 1-Chlorooctadecane	*0.0262*		mg/l		*0.0510*		*51*	*50-150*		
Batch 8121322 - SW846 3550B										
Blank (8121322-BLK1)										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
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	*3.28*		mg/kg wet		*3.33*		*99*	*50-150*		
LCS (8121322-BS1)										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
C9-C36 Aliphatic Hydrocarbons	69.1		mg/kg wet	13.3	93.3		74	60-120		
Surrogate: 1-Chlorooctadecane	*2.42*		mg/kg wet		*3.33*		*72*	*50-150*		
Duplicate (8121322-DUP1) **Source: SA88675-05**										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
Gasoline	BRL		mg/kg dry	15.4		BRL				50
Fuel Oil #2	BRL		mg/kg dry	15.4		BRL				50
Fuel Oil #4	BRL		mg/kg dry	15.4		BRL				50
Fuel Oil #6	BRL		mg/kg dry	15.4		BRL				50

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121322 - SW846 3550B										
Duplicate (8121322-DUP1) **Source: SA88675-05**										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
Motor Oil	BRL		mg/kg dry	15.4		BRL				50
Aviation Fuel	BRL		mg/kg dry	15.4		BRL				50
Unidentified	BRL		mg/kg dry	15.4		BRL				50
Other Oil	BRL		mg/kg dry	15.4		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.4		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.4		BRL				50
Surrogate: 1-Chlorooctadecane	*2.07*		mg/kg dry		*1.93*		*107*	*50-150*		
Matrix Spike (8121322-MS1) **Source: SA88675-05**										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
C9-C36 Aliphatic Hydrocarbons	77.6		mg/kg dry	14.7	103	BRL	75	50-150		
Surrogate: 1-Chlorooctadecane	*2.69*		mg/kg dry		*3.69*		*73*	*50-150*		
Matrix Spike Dup (8121322-MSD1) **Source: SA88675-05**										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
C9-C36 Aliphatic Hydrocarbons	76.3		mg/kg dry	15.3	108	BRL	71	50-150	6	30
Surrogate: 1-Chlorooctadecane	*2.59*		mg/kg dry		*3.84*		*67*	*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 8121031 - SW846 3050B										
Blank (8121031-BLK1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Lead	BRL		mg/kg wet	1.44						
Selenium	BRL		mg/kg wet	1.44						
Chromium	BRL		mg/kg wet	0.963						
Silver	BRL		mg/kg wet	1.44						
Arsenic	BRL		mg/kg wet	1.44						
Cadmium	BRL		mg/kg wet	0.482						
Barium	BRL		mg/kg wet	0.963						
Duplicate (8121031-DUP1) Source: SA88661-01										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Lead	9.75		mg/kg dry	1.45		9.72			0.4	20
Selenium	BRL		mg/kg dry	1.45		BRL				20
Chromium	8.18		mg/kg dry	0.970		8.04			2	20
Cadmium	0.238	J	mg/kg dry	0.485		0.248			4	20
Arsenic	1.84	QR6	mg/kg dry	1.45		2.37			25	20
Silver	BRL		mg/kg dry	1.45		BRL				20
Barium	31.3		mg/kg dry	0.970		33.1			5	20
Matrix Spike (8121031-MS1) Source: SA88661-02										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Lead	123		mg/kg dry	1.40	117	17.6	91	75-125		
Selenium	122		mg/kg dry	1.40	117	BRL	105	75-125		
Chromium	128		mg/kg dry	0.935	117	8.45	102	75-125		
Arsenic	120		mg/kg dry	1.40	117	2.32	101	75-125		
Silver	111		mg/kg dry	1.40	117	BRL	95	75-125		
Cadmium	107		mg/kg dry	0.467	117	0.268	91	75-125		
Barium	160		mg/kg dry	0.935	117	39.2	104	75-125		
Matrix Spike Dup (8121031-MSD1) Source: SA88661-02										
Prepared: 18-Dec-08 Analyzed: 22-Dec-08										
Selenium	115		mg/kg dry	1.39	116	BRL	99	75-125	7	20
Lead	120		mg/kg dry	1.39	116	17.6	89	75-125	2	20
Arsenic	112		mg/kg dry	1.39	116	2.32	95	75-125	7	20
Silver	109		mg/kg dry	1.39	116	BRL	94	75-125	2	20
Chromium	125		mg/kg dry	0.930	116	8.45	100	75-125	2	20
Cadmium	106		mg/kg dry	0.465	116	0.268	91	75-125	0.6	20
Barium	153		mg/kg dry	0.930	116	39.2	98	75-125	5	20
Post Spike (8121031-PS1) Source: SA88661-02										
Prepared: 18-Dec-08 Analyzed: 22-Dec-08										
Selenium	124		mg/kg dry	1.41	117	BRL	106	80-120		
Lead	125		mg/kg dry	1.41	117	17.6	92	80-120		
Silver	114		mg/kg dry	1.41	117	BRL	97	80-120		
Arsenic	122		mg/kg dry	1.41	117	2.32	102	80-120		
Chromium	129		mg/kg dry	0.938	117	8.45	103	80-120		
Cadmium	111		mg/kg dry	0.469	117	0.268	95	80-120		
Barium	149		mg/kg dry	0.938	117	39.2	94	80-120		
Reference (8121031-SRM1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Lead	59.2		mg/kg wet	1.50	68.0		87	80.9-119.9		
Selenium	114		mg/kg wet	1.50	99.6		114	79.9-119.6		

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* Reportable Detection Limit BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121031 - SW846 3050B										
Reference (8121031-SRM1)										
Prepared: 18-Dec-08 Analyzed: 19-Dec-08										
Silver	27.3		mg/kg wet	1.50	31.2		87	66.2-133.7		
Cadmium	118		mg/kg wet	0.500	129		92	83.7-116.7		
Chromium	74.5		mg/kg wet	1.00	69.0		108	81.9-118.1		
Arsenic	59.2		mg/kg wet	1.50	61.5		96	82.9-117.1		
Barium	114		mg/kg wet	1.00	128		89	80.5-119.5		
Reference (8121031-SRM2)										
Prepared: 18-Dec-08 Analyzed: 22-Dec-08										
Selenium	119		mg/kg wet	1.50	103		115	79.9-119.6		
Lead	60.6		mg/kg wet	1.50	70.4		86	80.9-119.9		
Arsenic	65.6		mg/kg wet	1.50	63.6		103	82.9-117.1		
Cadmium	116		mg/kg wet	0.500	133		87	83.7-116.7		
Silver	31.0		mg/kg wet	1.50	32.3		96	66.2-133.7		
Chromium	74.4		mg/kg wet	1.00	71.4		104	81.9-118.1		
Barium	125		mg/kg wet	1.00	132		94	80.5-119.5		
Batch 8121032 - EPA200/SW7000 Series										
Blank (8121032-BLK1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	BRL		mg/kg wet	0.0283						
Duplicate (8121032-DUP1) **Source: SA88661-01**		QR6								
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.0713		mg/kg dry	0.0293		0.0577			21	20
Matrix Spike (8121032-MS1) **Source: SA88661-02**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.530		mg/kg dry	0.0290	0.403	0.0870	110	75-125		
Matrix Spike Dup (8121032-MSD1) **Source: SA88661-02**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.579		mg/kg dry	0.0306	0.424	0.0870	116	75-125	9	20
Post Spike (8121032-PS1) **Source: SA88661-02**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.565	QC1	mg/kg dry	0.0284	0.394	0.0870	121	80-120		
Reference (8121032-SRM1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	2.03		mg/kg wet	0.0300	2.06		98	71.7-128		
Batch 8121130 - SW846 3005A										
Blank (8121130-BLK1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Arsenic	BRL		mg/l	0.0040						
Silver	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
LCS (8121130-BS1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										

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 8121130 - SW846 3005A										
LCS (8121130-BS1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Lead	1.25		mg/l	0.0075	1.25		100	85-115		
Selenium	1.36		mg/l	0.0150	1.25		109	85-115		
Chromium	1.17		mg/l	0.0050	1.25		94	85-115		
Barium	1.17		mg/l	0.0050	1.25		93	85-115		
Arsenic	1.26		mg/l	0.0040	1.25		101	85-115		
Silver	1.17		mg/l	0.0050	1.25		94	85-115		
Cadmium	1.31		mg/l	0.0025	1.25		104	85-115		
LCS Dup (8121130-BSD1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Lead	1.25		mg/l	0.0075	1.25		100	85-115	0.1	20
Selenium	1.37		mg/l	0.0150	1.25		110	85-115	0.6	20
Barium	1.17		mg/l	0.0050	1.25		93	85-115	0	20
Chromium	1.17		mg/l	0.0050	1.25		93	85-115	0.4	20
Arsenic	1.26		mg/l	0.0040	1.25		101	85-115	0.2	20
Cadmium	1.30		mg/l	0.0025	1.25		104	85-115	0.2	20
Silver	1.17		mg/l	0.0050	1.25		94	85-115	0.3	20
Duplicate (8121130-DUP1) **Source: SA88665-04**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Lead	0.0124		mg/l	0.0075		0.0134			9	20
Selenium	BRL		mg/l	0.0150		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Chromium	0.0294		mg/l	0.0050		0.0308			5	20
Arsenic	0.0113		mg/l	0.0040		0.0124			9	20
Barium	0.333		mg/l	0.0050		0.331			0.6	20
Cadmium	BRL		mg/l	0.0025		BRL				20
Matrix Spike (8121130-MS1) **Source: SA88673-02**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Selenium	1.36		mg/l	0.0150	1.25	BRL	109	75-125		
Lead	1.22		mg/l	0.0075	1.25	0.0143	97	75-125		
Arsenic	1.28		mg/l	0.0040	1.25	0.0092	101	75-125		
Silver	1.18		mg/l	0.0050	1.25	BRL	95	75-125		
Cadmium	1.27		mg/l	0.0025	1.25	0.0005	102	75-125		
Barium	1.32		mg/l	0.0050	1.25	0.145	94	75-125		
Chromium	1.19		mg/l	0.0050	1.25	0.0174	94	75-125		
Matrix Spike Dup (8121130-MSD1) **Source: SA88673-02**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Lead	1.21		mg/l	0.0075	1.25	0.0143	95	75-125	2	20
Selenium	1.34		mg/l	0.0150	1.25	BRL	107	75-125	2	20
Cadmium	1.25		mg/l	0.0025	1.25	0.0005	100	75-125	2	20
Arsenic	1.26		mg/l	0.0040	1.25	0.0092	100	75-125	2	20
Silver	1.17		mg/l	0.0050	1.25	BRL	94	75-125	0.8	20
Chromium	1.19		mg/l	0.0050	1.25	0.0174	94	75-125	0.4	20
Barium	1.31		mg/l	0.0050	1.25	0.145	93	75-125	0.9	20
Post Spike (8121130-PS1) **Source: SA88673-02**										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Selenium	1.39		mg/l	0.0150	1.25	BRL	111	80-120		
Lead	1.24		mg/l	0.0075	1.25	0.0143	98	80-120		

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 8121130 - SW846 3005A										
Post Spike (8121130-PS1) Source: SA88673-02										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Cadmium	1.28		mg/l	0.0025	1.25	0.0005	102	80-120		
Arsenic	1.30		mg/l	0.0040	1.25	0.0092	103	80-120		
Barium	1.32		mg/l	0.0050	1.25	0.145	94	80-120		
Silver	1.21		mg/l	0.0050	1.25	BRL	96	80-120		
Chromium	1.20		mg/l	0.0050	1.25	0.0174	95	80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121131 - EPA200/SW7000 Series										
Blank (8121131-BLK1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	BRL		mg/l	0.00020						
LCS (8121131-BS1)										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.00451		mg/l	0.00020	0.00500		90	85-115		
Duplicate (8121131-DUP1) Source: SA88665-04										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.00004	J	mg/l	0.00020		BRL				20
Matrix Spike (8121131-MS1) Source: SA88673-02										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.00516		mg/l	0.00020	0.00500	BRL	103	75-125		
Matrix Spike Dup (8121131-MSD1) Source: SA88673-02										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.00522		mg/l	0.00020	0.00500	BRL	104	75-125	1	20
Post Spike (8121131-PS1) Source: SA88673-02										
Prepared: 17-Dec-08 Analyzed: 18-Dec-08										
Mercury	0.00513		mg/l	0.00020	0.00500	BRL	103	85-115		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121006 - General Preparation										
Duplicate (8121006-DUP1) Source: SA88663-03										
Prepared & Analyzed: 11-Dec-08										
% Solids	85.2		%			85.8			0.7	20

Notes and Definitions

QC1	Analyte out of acceptance range.
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.
QR5	RPD out of acceptance range.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
R02	Elevated Reporting Limits due to limited sample volume.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
Z-2	The response for the confirmation column was out of acceptance limits. The primary column was used for all data. Samples were BDL.
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 and waste automobile oil
Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
Aviation Fuel - includes kerosene, Jet A and JP-4
Other Oil - includes lubricating and cutting oil, and silicon oil

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Leja

SA88676 / Ey

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

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 Rizzo
150 Trumbull St. 4th floor
Hartford, CT

Project Mgr.: David Brossard

Invoice To: DAS # 44236

P.O. No.: _____ RQN: _____

Project No.: 127011186
Site Name: Flatbush Avenue
Location: West Hartford State: CT
Sampler(s): Patrick deFranks

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= DI H_2O X2= _____ X3= _____

G=Grab C=Composite

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DEP RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____
State specific reporting standards: _____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC 8260	SVOC 8270	CT EtPH	PCB 8080	Herbicides 8151	Total RCRA 8 Metals			
88676 01	Trip Blank	12/8/08	800	G	X1	2	3				X								
02	RSB-2		1100	G	GW	2,4	3	2		1	X	X	X	X	X	X			
03	RSB-5 (4-8)		940	G	SO	7	3	2			X	X	X	X	X	X			
04	RSB-2 (0-4)		910	G	SO	7	3	2			X	X	X	X	X	X			
05	RSB-2 (8-12)		910	G	SO	7	3	2			X	X	X	X	X	X			

☐ Fax results when available to (____) _____
☒ E-mail to patrick.defranks@tetratech.com
EDD Format david.brossard@tetratech.com
Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 6.8

Relinquished by:	Received by:	Date:	Time:
Patrick deFranks	Paul Dum	12-10-08	925
	Michael Stehm	12-10-08	1451

11 Almgren Drive • Agawam, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076 • www.spectrum-analytical.com

Report Date:
24-Feb-09 12:30

☑ 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: Joseph Perko

Project: Tetra Tech Rizzo - Hartford, CT
Project 127RAC-OH

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA90888-01	Fridge	Methanol/Deionized Water	06-Feb-09 14:50	09-Feb-09 11:59
SA90888-02	Shelf	Methanol/Deionized Water	06-Feb-09 14:50	09-Feb-09 11:59

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

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

Authorized by:

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

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 20 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supercedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report is available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

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

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

CASE NARRATIVE:

The samples were received 4.6 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.

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

SW846 8260B

Laboratory Control Samples:

9021245-BS1

Analyte out of acceptance range.

1,2-Dibromo-3-chloropropane
2,2-Dichloropropane
Ethyl tert-butyl ether

9021245-BSD1

Analyte out of acceptance range.

Di-isopropyl ether

Spikes:

9021245-MSD1 *Source: SA90963-03*

Analyte out of acceptance range.

Chlorobenzene

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Fridge SA90888-01	127RAC-OH	Methanol/Deionized Water	06-Feb-09 14:50	09-Feb-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0	1	SW846 8260B	17-Feb-09	17-Feb-09	9021103	X
67-64-1	Acetone	BRL		µg/kg wet	50.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg wet	5.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg wet	5.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg wet	10.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg wet	50.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg wet	25.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg wet	10.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg wet	5.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg wet	10.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	5,360	E	µg/kg wet	10.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg wet	50.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg wet	50.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Fridge SA90888-01	127RAC-OH	Methanol/Deionized Water	06-Feb-09 14:50	09-Feb-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
100-42-5	Styrene	BRL		µg/kg wet	5.0	1	SW846 8260B	17-Feb-09	17-Feb-09	9021103	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg wet	5.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg wet	10.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg wet	50.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg wet	100	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg wet	2000	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*125*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	
Re-analysis of Volatile Organic Compounds											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	50.0	50	SW846 8260B	18-Feb-09	18-Feb-09	9021245	X
67-64-1	Acetone	BRL		µg/kg wet	500	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg wet	50.0	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg wet	50.0	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg wet	50.0	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg wet	50.0	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg wet	100	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg wet	500	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg wet	250	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg wet	50.0	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Fridge SA90888-01	127RAC-OH	Methanol/Deionized Water	06-Feb-09 14:50	09-Feb-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
Re-analysis of Volatile Organic Compounds											
75-00-3	Chloroethane	BRL		µg/kg wet	100	50	SW846 8260B	18-Feb-09	18-Feb-09	9021245	X
67-66-3	Chloroform	BRL		µg/kg wet	50.0	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg wet	100	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	100	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg wet	50.0	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg wet	50.0	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg wet	50.0	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	100	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg wet	50.0	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg wet	50.0	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg wet	50.0	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg wet	50.0	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg wet	50.0	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg wet	500	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg wet	50.0	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	500	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg wet	500	50	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	50.0	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	50.0	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg wet	50.0	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg wet	50.0	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	50.0	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg wet	50.0	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Fridge SA90888-01	127RAC-OH	Methanol/Deionized Water	06-Feb-09 14:50	09-Feb-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
Re-analysis of Volatile Organic Compounds											
75-01-4	Vinyl chloride	BRL		µg/kg wet	50.0	50	SW846 8260B	18-Feb-09	18-Feb-09	9021245	X
179601-23-1	m,p-Xylene	BRL		µg/kg wet	100	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg wet	50.0	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg wet	500	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg wet	50.0	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg wet	50.0	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg wet	50.0	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg wet	50.0	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg wet	500	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg wet	1000	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	250	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg wet	20000	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*90*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*93*		*70-130 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Shelf SA90888-02	127RAC-OH	Methanol/Deionized Water	06-Feb-09 14:50	09-Feb-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0	1	SW846 8260B	17-Feb-09	17-Feb-09	9021103	X
67-64-1	Acetone	BRL		µg/kg wet	50.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg wet	5.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg wet	5.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg wet	10.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg wet	50.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg wet	25.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg wet	10.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg wet	5.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg wet	10.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg wet	50.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg wet	50.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Shelf SA90888-02	127RAC-OH	Methanol/Deionized Water	06-Feb-09 14:50	09-Feb-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
100-42-5	Styrene	BRL		µg/kg wet	5.0	1	SW846 8260B	17-Feb-09	17-Feb-09	9021103	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg wet	5.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg wet	10.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg wet	50.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg wet	100	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg wet	2000	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*123*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021103 - SW846 5035A Soil (low level)										
Blank (9021103-BLK1)										
Prepared & Analyzed: 17-Feb-09										
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 9021103 - SW846 5035A Soil (low level)										
Blank (9021103-BLK1)										
Prepared & Analyzed: 17-Feb-09										
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						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	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						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*48.0*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*59.6*		µg/kg wet		*50.0*		*119*	*70-130*		
Surrogate: Dibromofluoromethane	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
LCS (9021103-BS1)										
Prepared & Analyzed: 17-Feb-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.7		µg/kg wet		20.0		113	70-130		
Acetone	11.6		µg/kg wet		20.0		58	7.9-168		
Acrylonitrile	19.8		µg/kg wet		20.0		99	70-130		
Benzene	19.3		µg/kg wet		20.0		97	70-130		
Bromobenzene	19.6		µg/kg wet		20.0		98	70-130		
Bromochloromethane	20.2		µg/kg wet		20.0		101	70-130		
Bromodichloromethane	21.2		µg/kg wet		20.0		106	70-130		
Bromoform	20.0		µg/kg wet		20.0		100	70-130		
Bromomethane	17.6		µg/kg wet		20.0		88	50-134		
2-Butanone (MEK)	20.7		µg/kg wet		20.0		104	44.6-130		
n-Butylbenzene	19.0		µg/kg wet		20.0		95	70-130		
sec-Butylbenzene	19.6		µg/kg wet		20.0		98	70-130		
tert-Butylbenzene	19.6		µg/kg wet		20.0		98	70-130		
Carbon disulfide	17.3		µg/kg wet		20.0		87	70-130		
Carbon tetrachloride	19.7		µg/kg wet		20.0		98	70-130		
Chlorobenzene	19.0		µg/kg wet		20.0		95	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021103 - SW846 5035A Soil (low level)										
LCS (9021103-BS1)										
Prepared & Analyzed: 17-Feb-09										
Chloroethane	17.8		µg/kg wet		20.0		89	59.2-130		
Chloroform	18.1		µg/kg wet		20.0		91	70-130		
Chloromethane	17.6		µg/kg wet		20.0		88	70-130		
2-Chlorotoluene	19.9		µg/kg wet		20.0		99	70-130		
4-Chlorotoluene	19.1		µg/kg wet		20.0		95	70-130		
1,2-Dibromo-3-chloropropane	17.8		µg/kg wet		20.0		89	70-130		
Dibromochloromethane	19.5		µg/kg wet		20.0		98	63.8-130		
1,2-Dibromoethane (EDB)	19.9		µg/kg wet		20.0		99	70-130		
Dibromomethane	20.1		µg/kg wet		20.0		100	70-130		
1,2-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
1,3-Dichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
1,4-Dichlorobenzene	18.9		µg/kg wet		20.0		95	70-130		
Dichlorodifluoromethane (Freon12)	17.8		µg/kg wet		20.0		89	41.8-130		
1,1-Dichloroethane	19.4		µg/kg wet		20.0		97	70-130		
1,2-Dichloroethane	20.7		µg/kg wet		20.0		104	70-130		
1,1-Dichloroethene	20.1		µg/kg wet		20.0		101	70-130		
cis-1,2-Dichloroethene	19.9		µg/kg wet		20.0		99	70-130		
trans-1,2-Dichloroethene	18.3		µg/kg wet		20.0		91	70-130		
1,2-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130		
1,3-Dichloropropane	20.3		µg/kg wet		20.0		101	70-130		
2,2-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130		
1,1-Dichloropropene	20.0		µg/kg wet		20.0		100	70-130		
cis-1,3-Dichloropropene	21.3		µg/kg wet		20.0		106	70-130		
trans-1,3-Dichloropropene	20.5		µg/kg wet		20.0		103	70-130		
Ethylbenzene	18.8		µg/kg wet		20.0		94	70-130		
Hexachlorobutadiene	18.6		µg/kg wet		20.0		93	68.3-130		
2-Hexanone (MBK)	18.8		µg/kg wet		20.0		94	70-130		
Isopropylbenzene	16.2		µg/kg wet		20.0		81	70-130		
4-Isopropyltoluene	20.6		µg/kg wet		20.0		103	70-130		
Methyl tert-butyl ether	21.3		µg/kg wet		20.0		107	70-130		
4-Methyl-2-pentanone (MIBK)	19.3		µg/kg wet		20.0		96	53.1-132		
Methylene chloride	18.3		µg/kg wet		20.0		92	70-130		
Naphthalene	20.8		µg/kg wet		20.0		104	70-130		
n-Propylbenzene	18.2		µg/kg wet		20.0		91	70-130		
Styrene	18.6		µg/kg wet		20.0		93	70-130		
1,1,1,2-Tetrachloroethane	19.6		µg/kg wet		20.0		98	70-130		
1,1,2,2-Tetrachloroethane	21.0		µg/kg wet		20.0		105	70-130		
Tetrachloroethene	19.2		µg/kg wet		20.0		96	70-130		
Toluene	19.0		µg/kg wet		20.0		95	70-130		
1,2,3-Trichlorobenzene	19.3		µg/kg wet		20.0		96	70-130		
1,2,4-Trichlorobenzene	18.1		µg/kg wet		20.0		91	70-130		
1,3,5-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,1,1-Trichloroethane	19.9		µg/kg wet		20.0		100	70-130		
1,1,2-Trichloroethane	20.6		µg/kg wet		20.0		103	70-130		
Trichloroethene	19.6		µg/kg wet		20.0		98	70-130		
Trichlorofluoromethane (Freon 11)	21.1		µg/kg wet		20.0		105	68.2-130		
1,2,3-Trichloropropane	24.6		µg/kg wet		20.0		123	70-130		
1,2,4-Trimethylbenzene	19.4		µg/kg wet		20.0		97	70-130		
1,3,5-Trimethylbenzene	19.2		µg/kg wet		20.0		96	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021103 - SW846 5035A Soil (low level)										
LCS (9021103-BS1)										
Prepared & Analyzed: 17-Feb-09										
Vinyl chloride	19.6		µg/kg wet		20.0		98	70-130		
m,p-Xylene	38.3		µg/kg wet		40.0		96	70-130		
o-Xylene	19.5		µg/kg wet		20.0		97	70-130		
Tetrahydrofuran	20.8		µg/kg wet		20.0		104	70-130		
Ethyl ether	25.9		µg/kg wet		20.0		130	70-130		
Tert-amyl methyl ether	19.5		µg/kg wet		20.0		98	70-130		
Ethyl tert-butyl ether	20.7		µg/kg wet		20.0		103	70-130		
Di-isopropyl ether	19.0		µg/kg wet		20.0		95	70-130		
Tert-Butanol / butyl alcohol	202		µg/kg wet		200		101	70-130		
1,4-Dioxane	187		µg/kg wet		200		94	48.7-130		
trans-1,4-Dichloro-2-butene	19.2		µg/kg wet		20.0		96	70-130		
Ethanol	382		µg/kg wet		400		95	70-130		
Surrogate: 4-Bromofluorobenzene	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.9*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*51.7*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS Dup (9021103-BSD1)										
Prepared & Analyzed: 17-Feb-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.2		µg/kg wet		20.0		116	70-130	2	25
Acetone	14.4		µg/kg wet		20.0		72	7.9-168	22	50
Acrylonitrile	20.0		µg/kg wet		20.0		100	70-130	1	25
Benzene	19.3		µg/kg wet		20.0		96	70-130	0.4	25
Bromobenzene	18.8		µg/kg wet		20.0		94	70-130	4	25
Bromochloromethane	19.7		µg/kg wet		20.0		98	70-130	3	25
Bromodichloromethane	20.6		µg/kg wet		20.0		103	70-130	3	25
Bromoform	18.1		µg/kg wet		20.0		90	70-130	10	25
Bromomethane	18.5		µg/kg wet		20.0		92	50-134	5	50
2-Butanone (MEK)	18.6		µg/kg wet		20.0		93	44.6-130	11	50
n-Butylbenzene	19.1		µg/kg wet		20.0		95	70-130	0.4	25
sec-Butylbenzene	20.9		µg/kg wet		20.0		104	70-130	7	25
tert-Butylbenzene	20.7		µg/kg wet		20.0		104	70-130	5	25
Carbon disulfide	17.8		µg/kg wet		20.0		89	70-130	3	25
Carbon tetrachloride	20.3		µg/kg wet		20.0		102	70-130	3	25
Chlorobenzene	19.2		µg/kg wet		20.0		96	70-130	0.8	25
Chloroethane	18.1		µg/kg wet		20.0		90	59.2-130	2	50
Chloroform	18.3		µg/kg wet		20.0		92	70-130	1	25
Chloromethane	18.1		µg/kg wet		20.0		91	70-130	3	25
2-Chlorotoluene	21.1		µg/kg wet		20.0		106	70-130	6	25
4-Chlorotoluene	19.7		µg/kg wet		20.0		99	70-130	3	25
1,2-Dibromo-3-chloropropane	17.8		µg/kg wet		20.0		89	70-130	0.3	25
Dibromochloromethane	18.8		µg/kg wet		20.0		94	63.8-130	4	50
1,2-Dibromoethane (EDB)	18.7		µg/kg wet		20.0		94	70-130	6	25
Dibromomethane	18.6		µg/kg wet		20.0		93	70-130	7	25
1,2-Dichlorobenzene	20.3		µg/kg wet		20.0		101	70-130	1	25
1,3-Dichlorobenzene	19.0		µg/kg wet		20.0		95	70-130	2	25
1,4-Dichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	2	25
Dichlorodifluoromethane (Freon12)	19.3		µg/kg wet		20.0		96	41.8-130	8	50
1,1-Dichloroethane	19.5		µg/kg wet		20.0		98	70-130	0.7	25
1,2-Dichloroethane	19.9		µg/kg wet		20.0		100	70-130	4	25
1,1-Dichloroethene	20.2		µg/kg wet		20.0		101	70-130	0.5	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021103 - SW846 5035A Soil (low level)										
LCS Dup (9021103-BSD1)										
Prepared & Analyzed: 17-Feb-09										
cis-1,2-Dichloroethene	20.2		µg/kg wet		20.0		101	70-130	1	25
trans-1,2-Dichloroethene	17.8		µg/kg wet		20.0		89	70-130	3	25
1,2-Dichloropropane	19.6		µg/kg wet		20.0		98	70-130	1	25
1,3-Dichloropropane	19.1		µg/kg wet		20.0		95	70-130	6	25
2,2-Dichloropropane	20.5		µg/kg wet		20.0		102	70-130	2	25
1,1-Dichloropropene	19.8		µg/kg wet		20.0		99	70-130	1	25
cis-1,3-Dichloropropene	20.8		µg/kg wet		20.0		104	70-130	3	25
trans-1,3-Dichloropropene	19.7		µg/kg wet		20.0		98	70-130	4	25
Ethylbenzene	19.2		µg/kg wet		20.0		96	70-130	2	25
Hexachlorobutadiene	19.4		µg/kg wet		20.0		97	68.3-130	4	50
2-Hexanone (MBK)	16.4		µg/kg wet		20.0		82	70-130	14	25
Isopropylbenzene	16.8		µg/kg wet		20.0		84	70-130	3	25
4-Isopropyltoluene	21.0		µg/kg wet		20.0		105	70-130	2	25
Methyl tert-butyl ether	19.3		µg/kg wet		20.0		96	70-130	10	25
4-Methyl-2-pentanone (MIBK)	15.1		µg/kg wet		20.0		76	53.1-132	24	50
Methylene chloride	18.2		µg/kg wet		20.0		91	70-130	0.3	25
Naphthalene	19.0		µg/kg wet		20.0		95	70-130	9	25
n-Propylbenzene	18.8		µg/kg wet		20.0		94	70-130	4	25
Styrene	18.5		µg/kg wet		20.0		93	70-130	0.3	25
1,1,1,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95	70-130	3	25
1,1,2,2-Tetrachloroethane	18.3		µg/kg wet		20.0		92	70-130	13	25
Tetrachloroethene	19.0		µg/kg wet		20.0		95	70-130	0.7	25
Toluene	19.6		µg/kg wet		20.0		98	70-130	3	25
1,2,3-Trichlorobenzene	18.3		µg/kg wet		20.0		91	70-130	5	25
1,2,4-Trichlorobenzene	16.8		µg/kg wet		20.0		84	70-130	7	25
1,3,5-Trichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	0.8	25
1,1,1-Trichloroethane	19.9		µg/kg wet		20.0		100	70-130	0.2	25
1,1,2-Trichloroethane	19.4		µg/kg wet		20.0		97	70-130	6	25
Trichloroethene	20.0		µg/kg wet		20.0		100	70-130	2	25
Trichlorofluoromethane (Freon 11)	21.7		µg/kg wet		20.0		108	68.2-130	3	50
1,2,3-Trichloropropane	21.1		µg/kg wet		20.0		106	70-130	15	25
1,2,4-Trimethylbenzene	19.8		µg/kg wet		20.0		99	70-130	2	25
1,3,5-Trimethylbenzene	19.6		µg/kg wet		20.0		98	70-130	2	25
Vinyl chloride	20.4		µg/kg wet		20.0		102	70-130	4	25
m,p-Xylene	39.9		µg/kg wet		40.0		100	70-130	4	25
o-Xylene	19.7		µg/kg wet		20.0		99	70-130	1	25
Tetrahydrofuran	19.8		µg/kg wet		20.0		99	70-130	5	25
Ethyl ether	23.6		µg/kg wet		20.0		118	70-130	9	50
Tert-amyl methyl ether	18.8		µg/kg wet		20.0		94	70-130	4	25
Ethyl tert-butyl ether	18.8		µg/kg wet		20.0		94	70-130	9	25
Di-isopropyl ether	18.0		µg/kg wet		20.0		90	70-130	6	25
Tert-Butanol / butyl alcohol	167		µg/kg wet		200		83	70-130	19	25
1,4-Dioxane	218		µg/kg wet		200		109	48.7-130	15	25
trans-1,4-Dichloro-2-butene	16.1		µg/kg wet		20.0		81	70-130	17	25
Ethanol	370		µg/kg wet		400		92	70-130	3	30
Surrogate: 4-Bromofluorobenzene	*49.9*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.9*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*49.7*		µg/kg wet		*50.0*		*99*	*70-130*		

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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 9021245 - SW846 5030 Soil (high level)										
Blank (9021245-BLK1)										
Prepared & Analyzed: 18-Feb-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	10.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						

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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 9021245 - SW846 5030 Soil (high level)										
Blank (9021245-BLK1)										
Prepared & Analyzed: 18-Feb-09										
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	5.0						
Ethanol	BRL		µg/kg wet	400						
Surrogate: 4-Bromofluorobenzene	*28.3*		µg/kg wet		*30.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.5*		µg/kg wet		*30.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*29.0*		µg/kg wet		*30.0*		*97*	*70-130*		
LCS (9021245-BS1)										
Prepared & Analyzed: 18-Feb-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.1		µg/kg wet		20.0		120	70-130		
Acetone	8.2		µg/kg wet		20.0		41	7.9-168		
Acrylonitrile	20.2		µg/kg wet		20.0		101	70-130		
Benzene	18.9		µg/kg wet		20.0		94	70-130		
Bromobenzene	23.7		µg/kg wet		20.0		119	70-130		
Bromochloromethane	22.1		µg/kg wet		20.0		111	70-130		
Bromodichloromethane	20.6		µg/kg wet		20.0		103	70-130		
Bromoform	22.6		µg/kg wet		20.0		113	70-130		
Bromomethane	19.9		µg/kg wet		20.0		100	50-134		
2-Butanone (MEK)	21.1		µg/kg wet		20.0		106	44.6-130		
n-Butylbenzene	19.9		µg/kg wet		20.0		99	70-130		
sec-Butylbenzene	22.7		µg/kg wet		20.0		113	70-130		
tert-Butylbenzene	23.4		µg/kg wet		20.0		117	70-130		
Carbon disulfide	19.8		µg/kg wet		20.0		99	70-130		
Carbon tetrachloride	19.0		µg/kg wet		20.0		95	70-130		
Chlorobenzene	25.3		µg/kg wet		20.0		127	70-130		
Chloroethane	18.9		µg/kg wet		20.0		94	59.2-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021245 - SW846 5030 Soil (high level)										
LCS (9021245-BS1)										
Prepared & Analyzed: 18-Feb-09										
Chloroform	20.1		µg/kg wet		20.0		101	70-130		
Chloromethane	19.6		µg/kg wet		20.0		98	70-130		
2-Chlorotoluene	24.5		µg/kg wet		20.0		123	70-130		
4-Chlorotoluene	21.8		µg/kg wet		20.0		109	70-130		
1,2-Dibromo-3-chloropropane	12.8	QC1	µg/kg wet		20.0		64	70-130		
Dibromochloromethane	19.4		µg/kg wet		20.0		97	63.8-130		
1,2-Dibromoethane (EDB)	20.6		µg/kg wet		20.0		103	70-130		
Dibromomethane	19.8		µg/kg wet		20.0		99	70-130		
1,2-Dichlorobenzene	21.8		µg/kg wet		20.0		109	70-130		
1,3-Dichlorobenzene	23.4		µg/kg wet		20.0		117	70-130		
1,4-Dichlorobenzene	21.9		µg/kg wet		20.0		109	70-130		
Dichlorodifluoromethane (Freon12)	21.0		µg/kg wet		20.0		105	41.8-130		
1,1-Dichloroethane	16.2		µg/kg wet		20.0		81	70-130		
1,2-Dichloroethane	19.0		µg/kg wet		20.0		95	70-130		
1,1-Dichloroethene	18.9		µg/kg wet		20.0		95	70-130		
cis-1,2-Dichloroethene	19.3		µg/kg wet		20.0		96	70-130		
trans-1,2-Dichloroethene	15.9		µg/kg wet		20.0		80	70-130		
1,2-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130		
1,3-Dichloropropane	21.0		µg/kg wet		20.0		105	70-130		
2,2-Dichloropropane	27.1	QC1	µg/kg wet		20.0		136	70-130		
1,1-Dichloropropene	18.4		µg/kg wet		20.0		92	70-130		
cis-1,3-Dichloropropene	18.3		µg/kg wet		20.0		92	70-130		
trans-1,3-Dichloropropene	17.8		µg/kg wet		20.0		89	70-130		
Ethylbenzene	21.5		µg/kg wet		20.0		107	70-130		
Hexachlorobutadiene	23.0		µg/kg wet		20.0		115	68.3-130		
2-Hexanone (MBK)	20.1		µg/kg wet		20.0		100	70-130		
Isopropylbenzene	18.8		µg/kg wet		20.0		94	70-130		
4-Isopropyltoluene	22.9		µg/kg wet		20.0		114	70-130		
Methyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130		
4-Methyl-2-pentanone (MIBK)	19.3		µg/kg wet		20.0		96	53.1-132		
Methylene chloride	16.4		µg/kg wet		20.0		82	70-130		
Naphthalene	19.2		µg/kg wet		20.0		96	70-130		
n-Propylbenzene	21.9		µg/kg wet		20.0		109	70-130		
Styrene	22.3		µg/kg wet		20.0		112	70-130		
1,1,1,2-Tetrachloroethane	21.2		µg/kg wet		20.0		106	70-130		
1,1,2,2-Tetrachloroethane	22.7		µg/kg wet		20.0		114	70-130		
Tetrachloroethene	23.2		µg/kg wet		20.0		116	70-130		
Toluene	19.5		µg/kg wet		20.0		98	70-130		
1,2,3-Trichlorobenzene	22.5		µg/kg wet		20.0		113	70-130		
1,2,4-Trichlorobenzene	21.5		µg/kg wet		20.0		108	70-130		
1,3,5-Trichlorobenzene	22.3		µg/kg wet		20.0		111	70-130		
1,1,1-Trichloroethane	22.6		µg/kg wet		20.0		113	70-130		
1,1,2-Trichloroethane	21.3		µg/kg wet		20.0		107	70-130		
Trichloroethene	21.1		µg/kg wet		20.0		106	70-130		
Trichlorofluoromethane (Freon 11)	20.1		µg/kg wet		20.0		100	68.2-130		
1,2,3-Trichloropropane	24.7		µg/kg wet		20.0		124	70-130		
1,2,4-Trimethylbenzene	22.4		µg/kg wet		20.0		112	70-130		
1,3,5-Trimethylbenzene	22.2		µg/kg wet		20.0		111	70-130		
Vinyl chloride	21.1		µg/kg wet		20.0		106	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021245 - SW846 5030 Soil (high level)										
LCS (9021245-BS1)										
Prepared & Analyzed: 18-Feb-09										
m,p-Xylene	43.1		µg/kg wet		40.0		108	70-130		
o-Xylene	22.4		µg/kg wet		20.0		112	70-130		
Tetrahydrofuran	21.4		µg/kg wet		20.0		107	70-130		
Ethyl ether	18.0		µg/kg wet		20.0		90	70-130		
Tert-amyl methyl ether	17.7		µg/kg wet		20.0		88	70-130		
Ethyl tert-butyl ether	27.2	QC1	µg/kg wet		20.0		136	70-130		
Di-isopropyl ether	14.7		µg/kg wet		20.0		74	70-130		
Tert-Butanol / butyl alcohol	213		µg/kg wet		200		107	70-130		
1,4-Dioxane	260		µg/kg wet		200		130	48.7-130		
trans-1,4-Dichloro-2-butene	24.8		µg/kg wet		20.0		124	70-130		
Ethanol	413		µg/kg wet		400		103	70-130		
Surrogate: 4-Bromofluorobenzene	*28.8*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.6*		µg/kg wet		*30.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*29.3*		µg/kg wet		*30.0*		*98*	*70-130*		
LCS Dup (9021245-BSD1)										
Prepared & Analyzed: 18-Feb-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.5		µg/kg wet		20.0		118	70-130	2	25
Acetone	8.3		µg/kg wet		20.0		42	7.9-168	0.7	50
Acrylonitrile	16.4		µg/kg wet		20.0		82	70-130	21	25
Benzene	17.4		µg/kg wet		20.0		87	70-130	8	25
Bromobenzene	23.1		µg/kg wet		20.0		115	70-130	3	25
Bromochloromethane	21.6		µg/kg wet		20.0		108	70-130	3	25
Bromodichloromethane	20.4		µg/kg wet		20.0		102	70-130	1	25
Bromoform	22.9		µg/kg wet		20.0		114	70-130	1	25
Bromomethane	16.0		µg/kg wet		20.0		80	50-134	22	50
2-Butanone (MEK)	17.3		µg/kg wet		20.0		87	44.6-130	20	50
n-Butylbenzene	18.9		µg/kg wet		20.0		94	70-130	5	25
sec-Butylbenzene	21.7		µg/kg wet		20.0		109	70-130	4	25
tert-Butylbenzene	23.0		µg/kg wet		20.0		115	70-130	2	25
Carbon disulfide	19.4		µg/kg wet		20.0		97	70-130	2	25
Carbon tetrachloride	19.8		µg/kg wet		20.0		99	70-130	4	25
Chlorobenzene	24.5		µg/kg wet		20.0		123	70-130	3	25
Chloroethane	17.3		µg/kg wet		20.0		87	59.2-130	9	50
Chloroform	18.0		µg/kg wet		20.0		90	70-130	11	25
Chloromethane	19.2		µg/kg wet		20.0		96	70-130	2	25
2-Chlorotoluene	22.6		µg/kg wet		20.0		113	70-130	8	25
4-Chlorotoluene	20.9		µg/kg wet		20.0		105	70-130	4	25
1,2-Dibromo-3-chloropropane	14.3		µg/kg wet		20.0		72	70-130	11	25
Dibromochloromethane	19.3		µg/kg wet		20.0		96	63.8-130	0.6	50
1,2-Dibromoethane (EDB)	20.2		µg/kg wet		20.0		101	70-130	2	25
Dibromomethane	19.3		µg/kg wet		20.0		96	70-130	3	25
1,2-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	3	25
1,3-Dichlorobenzene	23.2		µg/kg wet		20.0		116	70-130	0.9	25
1,4-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130	3	25
Dichlorodifluoromethane (Freon12)	19.5		µg/kg wet		20.0		98	41.8-130	8	50
1,1-Dichloroethane	14.7		µg/kg wet		20.0		74	70-130	10	25
1,2-Dichloroethane	17.2		µg/kg wet		20.0		86	70-130	10	25
1,1-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130	3	25
cis-1,2-Dichloroethene	18.5		µg/kg wet		20.0		93	70-130	4	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021245 - SW846 5030 Soil (high level)										
LCS Dup (9021245-BSD1)										
Prepared & Analyzed: 18-Feb-09										
trans-1,2-Dichloroethene	15.4		µg/kg wet		20.0		77	70-130	3	25
1,2-Dichloropropane	18.9		µg/kg wet		20.0		94	70-130	6	25
1,3-Dichloropropane	19.0		µg/kg wet		20.0		95	70-130	10	25
2,2-Dichloropropane	24.5		µg/kg wet		20.0		122	70-130	10	25
1,1-Dichloropropene	17.8		µg/kg wet		20.0		89	70-130	4	25
cis-1,3-Dichloropropene	17.9		µg/kg wet		20.0		89	70-130	3	25
trans-1,3-Dichloropropene	17.7		µg/kg wet		20.0		89	70-130	0.6	25
Ethylbenzene	21.1		µg/kg wet		20.0		105	70-130	2	25
Hexachlorobutadiene	23.6		µg/kg wet		20.0		118	68.3-130	3	50
2-Hexanone (MBK)	16.4		µg/kg wet		20.0		82	70-130	20	25
Isopropylbenzene	18.2		µg/kg wet		20.0		91	70-130	4	25
4-Isopropyltoluene	22.2		µg/kg wet		20.0		111	70-130	3	25
Methyl tert-butyl ether	18.5		µg/kg wet		20.0		92	70-130	11	25
4-Methyl-2-pentanone (MIBK)	17.0		µg/kg wet		20.0		85	53.1-132	13	50
Methylene chloride	14.5		µg/kg wet		20.0		72	70-130	12	25
Naphthalene	18.8		µg/kg wet		20.0		94	70-130	3	25
n-Propylbenzene	21.4		µg/kg wet		20.0		107	70-130	2	25
Styrene	21.7		µg/kg wet		20.0		108	70-130	3	25
1,1,1,2-Tetrachloroethane	22.2		µg/kg wet		20.0		111	70-130	5	25
1,1,2,2-Tetrachloroethane	19.6		µg/kg wet		20.0		98	70-130	15	25
Tetrachloroethene	23.1		µg/kg wet		20.0		116	70-130	0.5	25
Toluene	18.3		µg/kg wet		20.0		91	70-130	7	25
1,2,3-Trichlorobenzene	22.9		µg/kg wet		20.0		115	70-130	2	25
1,2,4-Trichlorobenzene	21.5		µg/kg wet		20.0		108	70-130	0.05	25
1,3,5-Trichlorobenzene	22.9		µg/kg wet		20.0		114	70-130	3	25
1,1,1-Trichloroethane	21.7		µg/kg wet		20.0		109	70-130	4	25
1,1,2-Trichloroethane	20.3		µg/kg wet		20.0		102	70-130	5	25
Trichloroethene	19.4		µg/kg wet		20.0		97	70-130	8	25
Trichlorofluoromethane (Freon 11)	18.5		µg/kg wet		20.0		92	68.2-130	8	50
1,2,3-Trichloropropane	22.4		µg/kg wet		20.0		112	70-130	10	25
1,2,4-Trimethylbenzene	21.8		µg/kg wet		20.0		109	70-130	2	25
1,3,5-Trimethylbenzene	21.8		µg/kg wet		20.0		109	70-130	2	25
Vinyl chloride	18.6		µg/kg wet		20.0		93	70-130	13	25
m,p-Xylene	42.8		µg/kg wet		40.0		107	70-130	0.6	25
o-Xylene	21.4		µg/kg wet		20.0		107	70-130	4	25
Tetrahydrofuran	18.4		µg/kg wet		20.0		92	70-130	15	25
Ethyl ether	16.3		µg/kg wet		20.0		81	70-130	10	50
Tert-amyl methyl ether	15.3		µg/kg wet		20.0		76	70-130	15	25
Ethyl tert-butyl ether	24.8		µg/kg wet		20.0		124	70-130	9	25
Di-isopropyl ether	12.3	QC1	µg/kg wet		20.0		62	70-130	18	25
Tert-Butanol / butyl alcohol	196		µg/kg wet		200		98	70-130	8	25
1,4-Dioxane	224		µg/kg wet		200		112	48.7-130	15	25
trans-1,4-Dichloro-2-butene	24.3		µg/kg wet		20.0		121	70-130	2	25
Ethanol	335		µg/kg wet		400		84	70-130	21	30
Surrogate: 4-Bromofluorobenzene	*28.8*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*29.8*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.8*		µg/kg wet		*30.0*		*89*	*70-130*		
Surrogate: Dibromofluoromethane	*29.6*		µg/kg wet		*30.0*		*99*	*70-130*		
Matrix Spike (9021245-MS1)	**Source: SA90963-03**									
Prepared & Analyzed: 18-Feb-09										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9021245 - SW846 5030 Soil (high level)										
Matrix Spike (9021245-MS1)	**Source: SA90963-03**									
Prepared & Analyzed: 18-Feb-09										
Benzene	17.1		µg/kg dry		20.0	BRL	86	70-130		
Chlorobenzene	23.1		µg/kg dry		20.0	BRL	115	70-130		
1,1-Dichloroethene	17.6		µg/kg dry		20.0	BRL	88	70-130		
Toluene	18.2		µg/kg dry		20.0	BRL	91	70-130		
Trichloroethene	18.5		µg/kg dry		20.0	BRL	92	70-130		
Surrogate: 4-Bromofluorobenzene	*29.4*		µg/kg dry		*30.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*29.8*		µg/kg dry		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.2*		µg/kg dry		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*28.7*		µg/kg dry		*30.0*		*96*	*70-130*		
Matrix Spike Dup (9021245-MSD1)	**Source: SA90963-03**									
Prepared & Analyzed: 18-Feb-09										
Benzene	19.9		µg/kg dry		20.0	BRL	100	70-130	15	30
Chlorobenzene	26.3	QC1	µg/kg dry		20.0	BRL	131	70-130	13	30
1,1-Dichloroethene	19.2		µg/kg dry		20.0	BRL	96	70-130	9	30
Toluene	20.4		µg/kg dry		20.0	BRL	102	70-130	12	30
Trichloroethene	21.6		µg/kg dry		20.0	BRL	108	70-130	16	30
Surrogate: 4-Bromofluorobenzene	*29.8*		µg/kg dry		*30.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*29.4*		µg/kg dry		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.2*		µg/kg dry		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*29.0*		µg/kg dry		*30.0*		*97*	*70-130*		

Notes and Definitions

E	The concentration indicated for this analyte is an estimated value. This value is considered an estimate (CLP E-flag).
QC1	Analyte out of acceptance range.
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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Rebecca Merz

SA-96888-EM

SPECTRUM ANALYTICAL, INC.
Formerly
HANSHAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [x] 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 Rizzo Inc
150 Trumbull Street, 4th Fl
Hartford, CT 06103-2428

Project Mgr.: Joe Perko

Invoice To: → SAME

P.O. No.: _____ RQN: _____

Project No.: 127RAC-011
Site Name: Tetra Tech Rizzo
Location: Hartford State: CT
Sampler(s): Joe Perko

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=DI H_2O 10= _____

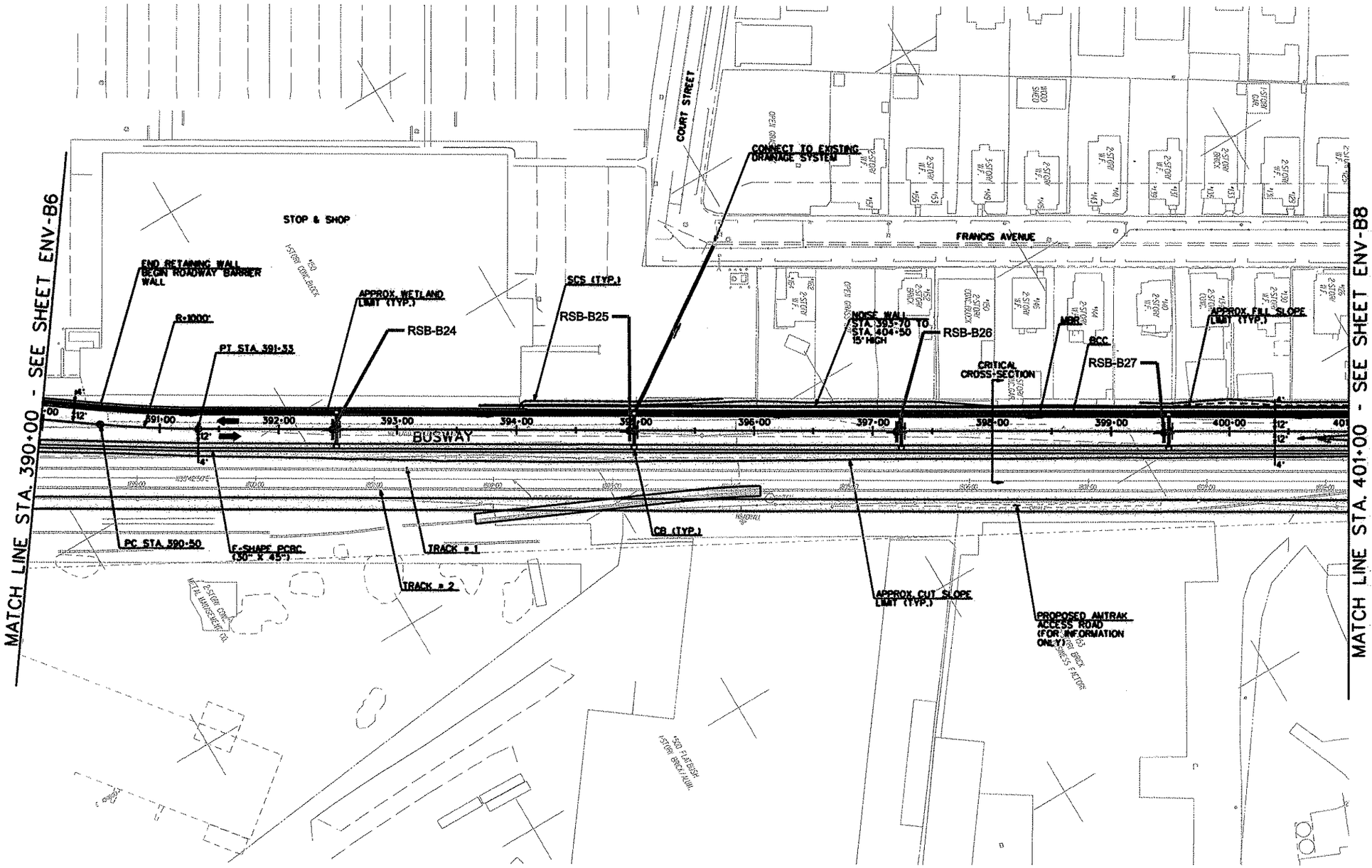
DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= _____ X2= _____ X3= _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs by 8260	QA Reporting Notes: (check if needed)
96888-01	Fridge	2/6/09	14:50	G	TP	7	3				X	☐ Provide MA DEP MCP CAM Report ☐ Provide CT DEP RCP Report
02	Shelf	↓	14:55	↓	↓	↓	↓				↓	QA/QC Reporting Level: ☐ Standard ☐ No QC ☐ Other _____
												State specific reporting standards: Connecticut

☐ Fax results when available to (____) _____
☐ E-mail to Joseph.Perko@tetratech.com
EDD Format _____
Condition upon receipt: ☐ Iced ☐ Ambient ☑ C 4.6

Relinquished by:	Received by:	Date:	Time:
Joseph T. Perko III	[signature]	2-9-09	9:15
[signature]	Michael Shah	2-9-09	1159



LEGEND

RSB-B1 — SOIL BORING LOCATION

REV.	DATE	DESCRIPTION	SHEET NO.
		REVISIONS	

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

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

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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

TETRA TECH RIZZO

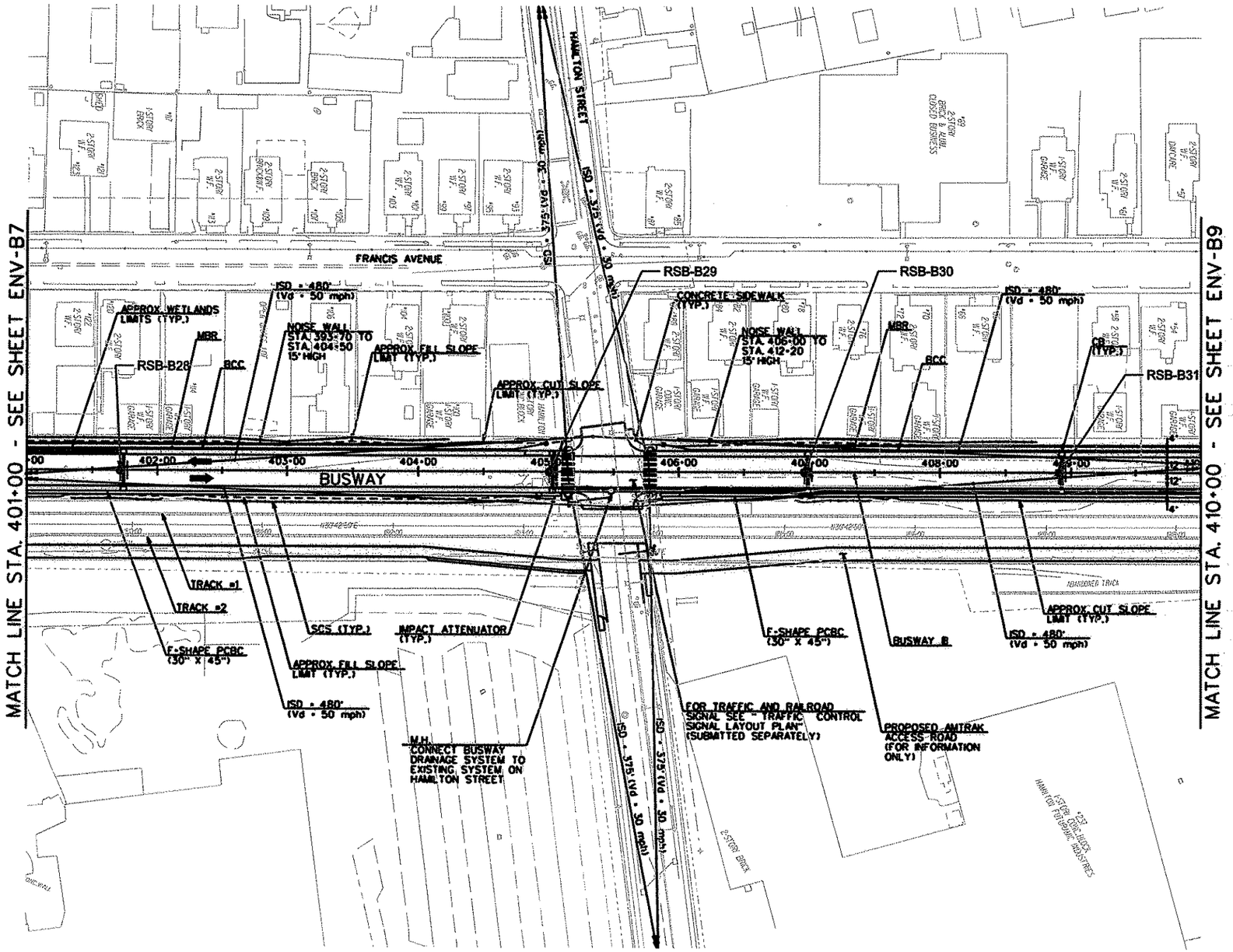
PROJECT TITLE: NEW BRITAIN – HARTFORD BUSWAY

CADD: 155h025004-210-ENV-B07.dgn | PLOTTED DATE: 3/6/2009

TOWN: HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO.: 155-H025
DRAWING NO.: ENV-B7
SHEET NO.:



LEGEND

RSB-B1 — SOIL BORING LOCATION

REV.	DATE	DESCRIPTION REVISIONS	SHEET NO.

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SCALE 1"=40'

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STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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

TETRA TECH RIZZO

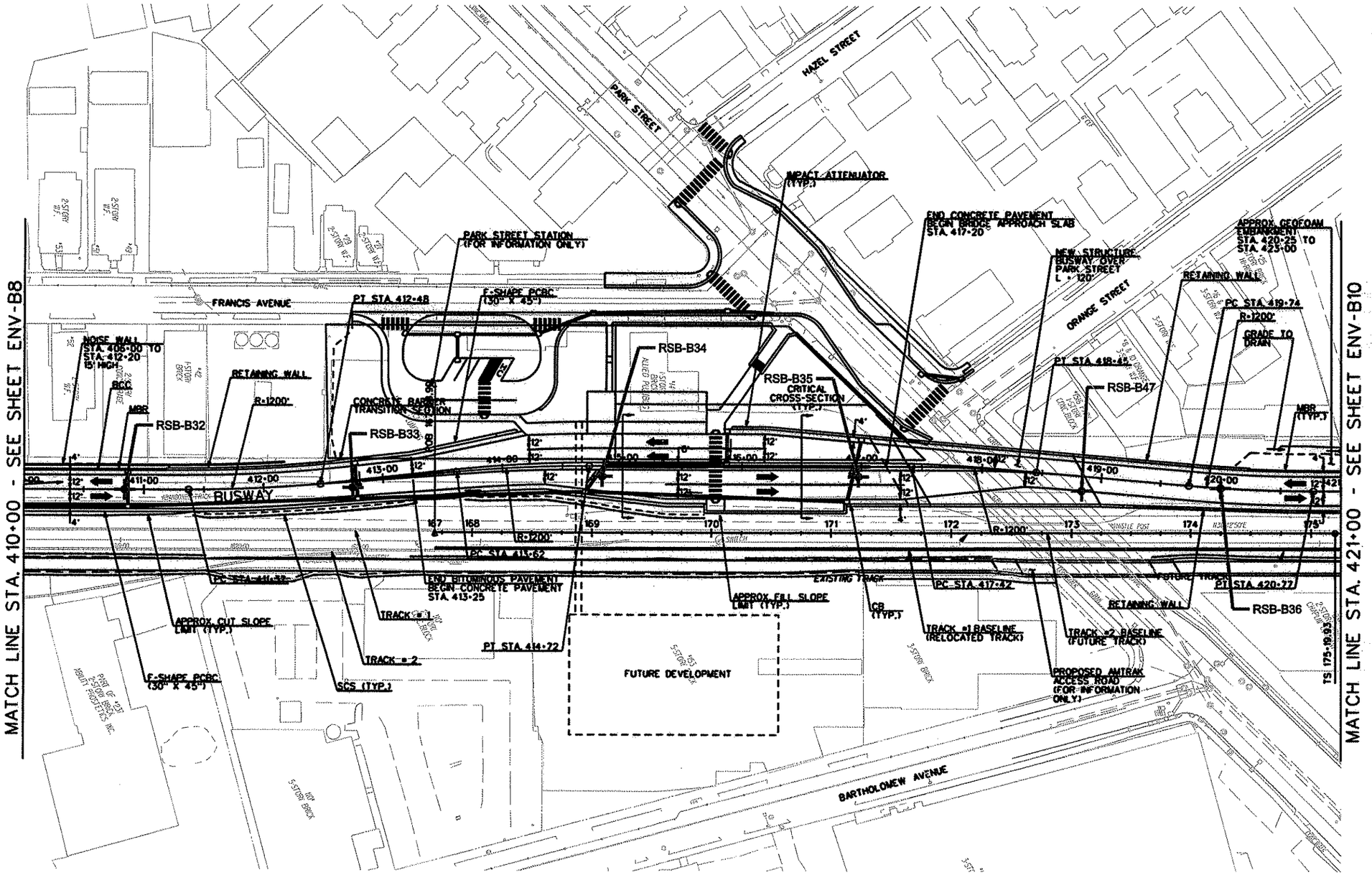
PROJECT TITLE: NEW BRITAIN – HARTFORD BUSWAY

CADD: 155h025004-210-ENV-B08.dgn PLOTTED DATE: 3/8/2009

TOWN: HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO.: 155–H025
DRAWING NO.: ENV–B8
SHEET NO.:



LEGEND

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APPROVED BY: DATE:

TETRA TECH RIZZO

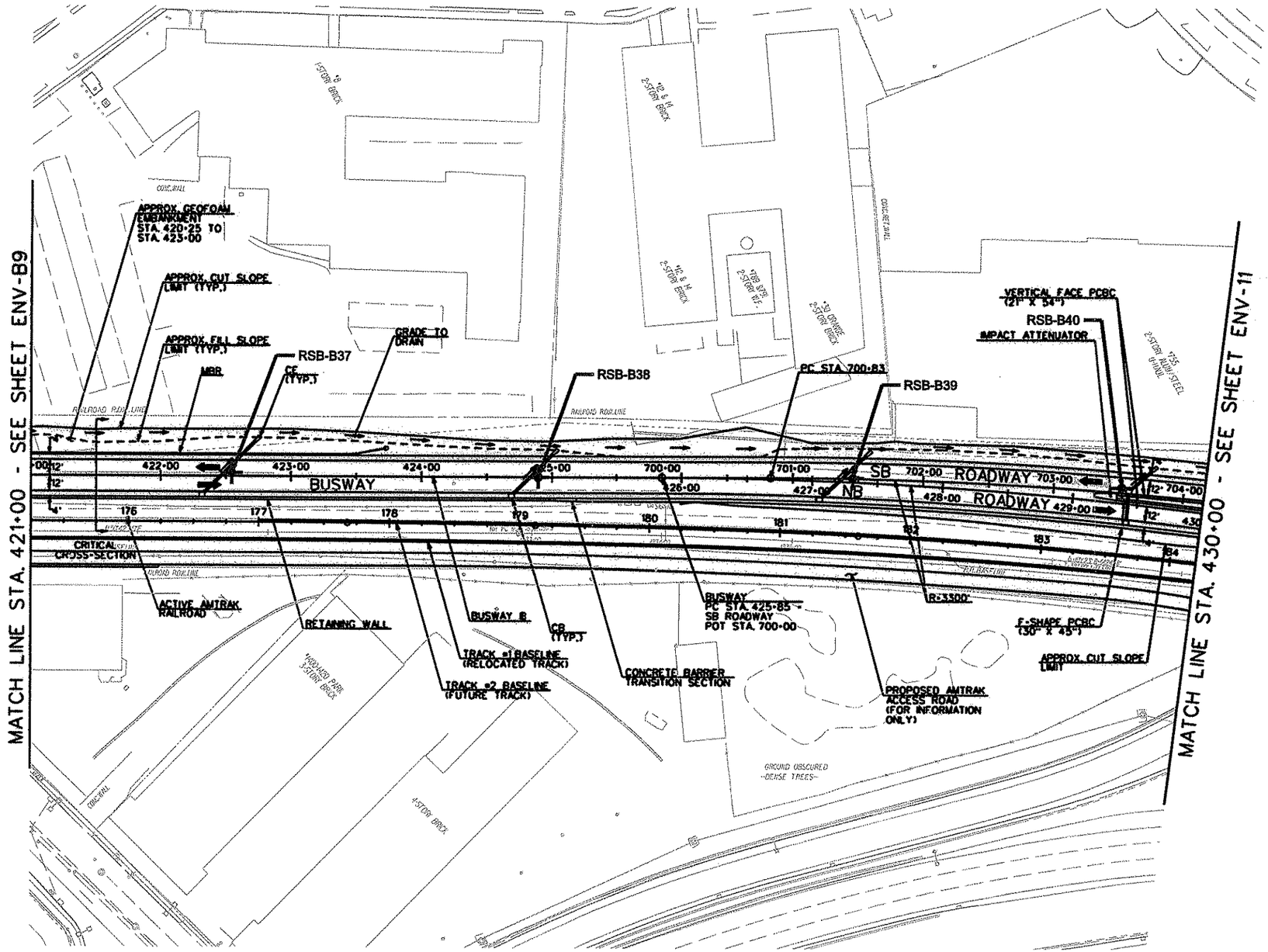
PROJECT TITLE: NEW BRITAIN – HARTFORD BUSWAY

CADD: 155h025004-210-ENV-B09.dgn | PLOTTED DATE: 3/6/2009

TOWN: HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO.: 155–H025
DRAWING NO.: ENV–B9
SHEET NO.:



LEGEND

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STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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

TETRA TECH RIZZO

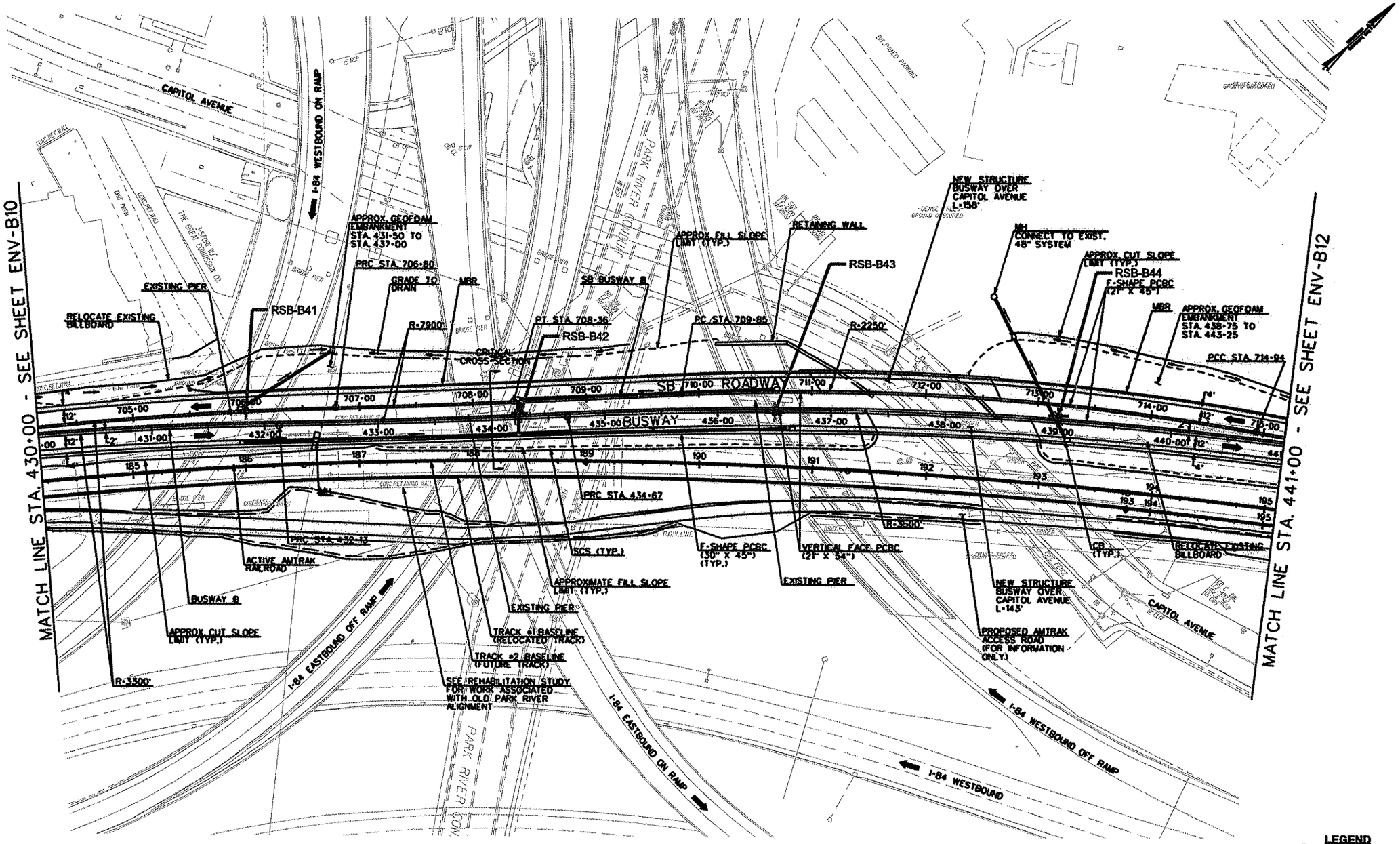
PROJECT TITLE: NEW BRITAIN – HARTFORD BUSWAY

CADD: 155h025012-210-ENV-B10.dgn
PLOTTED DATE: 3/6/2009

TOWN: HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO.: 155-H025
DRAWING NO.: ENV-B10
SHEET NO.:



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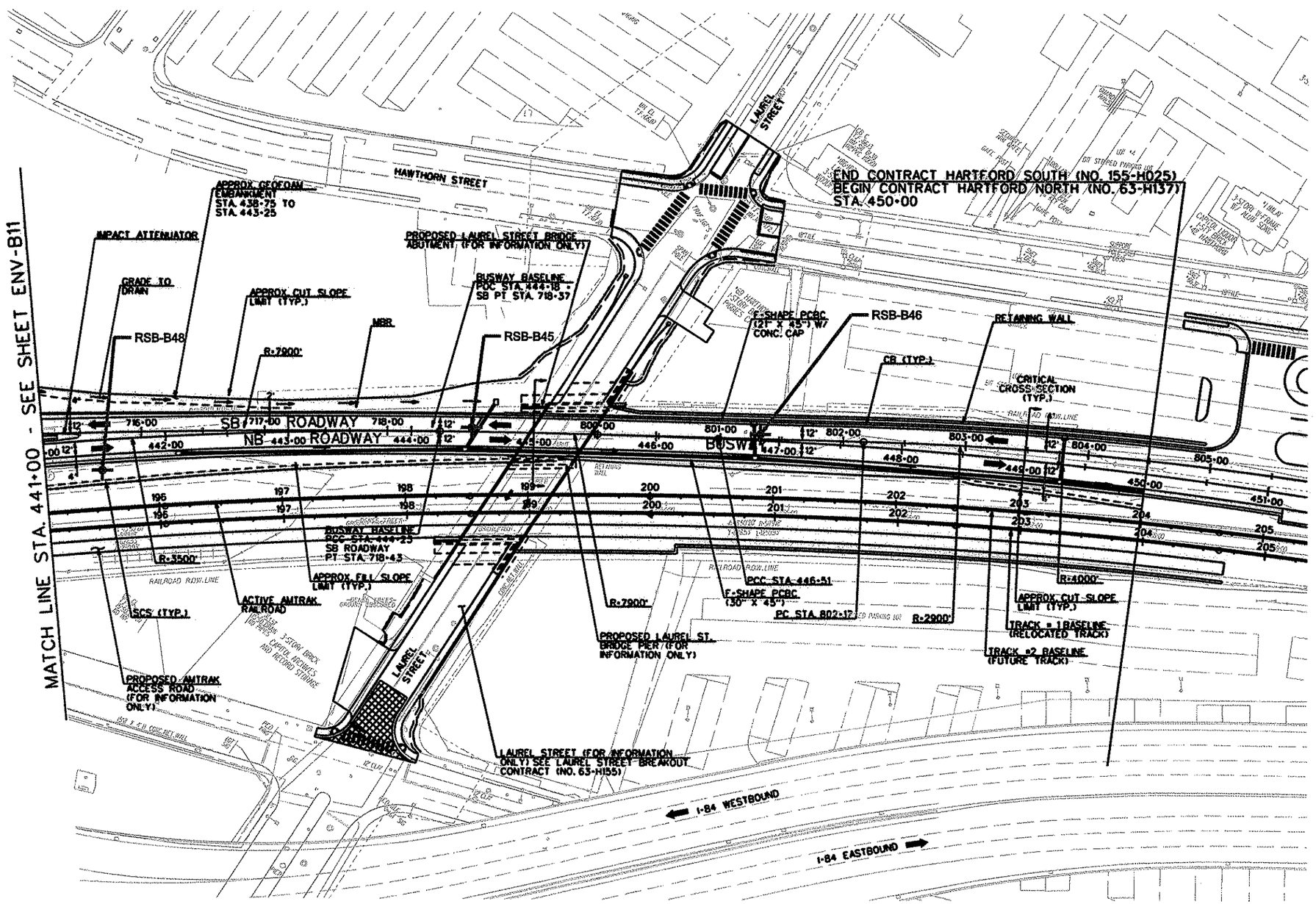
CADD: 155h025012-210-ENV-B11.dgn PLOTTED DATE: 3/6/2009

TOWN: HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO.: 155-H025
DRAWING NO.: ENV-B11
SHEET NO.:



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PROJECT TITLE: NEW BRITAIN – HARTFORD BUSWAY

CADD: 155h026012-210-ENV-B12.dgn PLOTTED DATE: 3/6/2009

TOWN: HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO.: 155–H025
DRAWING NO.: ENV–B12
SHEET NO.: