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

New Britain - Hartford Busway
Station 203+00 to 332+00 (West Hartford)

Newington and West Hartford, Connecticut

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

March 20, 2009

TETRA TECH RIZZO

March 20, 2009

Mr. Gregory M. Dorosh, P.E.
Principle Engineer
Environmental Compliance Section
Bureau of Engineering & Highway Operations
State of Connecticut Department of Transportation
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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 127-17797-08009
New Britain - Hartford Busway
Station 203+00 to 332+00 (West Hartford)
Newington 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 Newington 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 forty-nine (49) soil borings and the collection and analysis of forty-nine (49) soil samples. Groundwater was only encountered in a few locations. 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,

Patrick S. de Paula
Environmental Engineer

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) has developed this Task 210 - Subsurface Site Investigation for a portion of the New Britain-Hartford Busway along the active Amtrak line in Newington, West Hartford, and Hartford, Connecticut (CT DOT Project No. 171-305)., identified from Station 203+00 to 332+00 and commonly known as the West Hartford Section.

The overall Busway project has been broken into four separate contracts. This subsurface site investigation report pertains to the West Hartford contract, from station 203+00 to 332+00. The general location of this section is shown in **Figure 1**.

The objective 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 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 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-1 through ENV-13**.

Groundwater at the Project is classified by the Connecticut Department of Environmental Protection (DEP) 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 RSR criteria applicable for areas with GB classified groundwater.

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).

Trout Brook, classified B/A, traverses beneath the Project area, just north of New Britain Avenue, where it joins with South Branch Park River and Piper Brook, classified C/B and B, respectively.

1.2 Previous Investigations

A number of investigations have been completed for the busway project, including a corridor study, Task 120-Preliminary Site Investigations, and Task 210 – Subsurface Site Investigations for individual moderate-high risk properties located along the bus route and at proposed bus-rail stations. Previous investigations 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 Elmwood Station 646-650 & 642 New Park Avenue West Hartford, Connecticut.* May 2003.
- Maguire Group, Inc. *Task 120: Preliminary Site Evaluation 632 & 642 New Park Avenue West Hartford, Connecticut.* May 31, 2007.
- Maguire Group, Inc. *Task 210: Subsurface Site Investigation Elmwood Station 646-650 New Park Avenue West Hartford, Connecticut.* January 23, 2007.
- Tetra Tech Rizzo *Task 210 Subsurface Site Investigation 634 New Park Avenue West Hartford, Connecticut.* July 11, 2007.
- Tetra Tech Rizzo *Task 210 Subsurface Site Investigation 642 New Park Avenue West Hartford, Connecticut.* February 11, 2008.
- Baker Engineering NY, Inc. *Task 120 – Preliminary Site Evaluation 148, 150, & 160 Willard Avenue Newington Junction Station Newington, Connecticut.* March 2003.
- Maguire Group, Inc. *Task 210: Subsurface Site Investigation 144-148, 150, & 160 Willard Avenue Newington Junction Station Newington, Connecticut.* January 11, 2007.

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 DEC 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 subject project is GB. Therefore, the Project must comply with the GB PMC.

2.2 Groundwater

Groundwater was encountered within eight feet of the land surface in several locations only.

Groundwater beneath the Site 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 Investigation was prepared in accordance with the RSR criteria applicable to areas with GB classified groundwater.

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 runs west to east beneath the Project. The Trout Brook is a class B/A water body. Just north of New Britain Avenue, Trout Brook joins South Branch Park River and Piper Brook, classified C/B and B, respectively.

3.0 Scope of Investigation

Project activities were conducted on December 2 -5, 2008, January 23, 2009, and February 24, 2009, and included the advancement of forty-nine (49) soil borings and analysis of forty-nine (49) soil samples. Two samples (RSB-A45 and RSB-A50) were reanalyzed by the laboratory to better quantify estimated values. Soil borings RSB-A1 through RSB-A48 were advanced on December 2, 3, 4, and 5, 2008. Soil boring RSB-A50, which was proposed as RSB-49, was completed as RSB-A50 on January 23, 2009. On February 24, 2009 a groundwater sample was collected from RSB-A1. A total of 49 soil samples and one groundwater sample were submitted for laboratory analysis; one soil sample from each of the boring locations.

3.1 Drilling

A total of forty-nine (49) 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. Work was performed December 2 - 5, 2008, January 23, 2009, and February 24, 2009. Field work was supervised by a Tetra Tech environmental engineer. Boring locations are shown on **Drawings ENV-1 through ENV-13.** Soil borings were advanced to a maximum depth of 8 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, and 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 0-8 feet below grade (fbg). Soil samples were analyzed for VOCs by Environmental Protection Agency (EPA) method 8260, Extractable Total Petroleum Hydrocarbons (ETPH) by the Connecticut method, Semi-Volatile Organic Compound (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.

Groundwater Analyses:

With the exception of one area (RSB-A1 and A2) groundwater was not encountered. A groundwater sample was collected from the single area (RSB-1) where hydrogeologic conditions permitted. The groundwater sample was analyzed for VOCs by Environmental Protection Agency (EPA) method 8260, Extractable Total Petroleum Hydrocarbons (ETPH) by the Connecticut method, Semi-Volatile Organic Compound (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.

4.0 Results of Soil Sampling Analyses

Forty-nine 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.

Volatile Organic Compounds (VOCs)

A total of 49 soil samples were submitted for VOC analysis. With the exception of two samples collected from RSB-A47 and RSB-A45 which detected low levels of VOCs well below the applicable RSR criteria, and two additional samples, collected from RSB-A4 and RSB-A50 that

detected false-positive 2-Butanone (MEK) and Freon 12 readings respectively, no VOCs were detected above the laboratory detection limits. Laboratory cross-contamination and a malfunctioning sample storage refrigerator resulted in the detection of 2-Butanone (MEK) and Freon 12, respectively. The two VOC detections are listed below:

- RSB-A45 (2-5'): Naphthalene (20.4 µg/kg)
- RSB-A47 (1-4'): 1,1-Dichloroethane (8.5 µg/kg) and 1,2-Dichloroethane (15.0 µg/kg)

Semi-volatile Organic Compound (SVOCs)

A total of 49 soil samples were submitted for SVOC analysis. With the exception of one sample collected from RSB-A45 which detected a number of SVOCs above the applicable RSR criteria, and three samples collected from RSB-A41, RSB-A46 and RSB-A47 that detected SVOCs above the laboratory detection limits but below the applicable RSR criteria, SVOCs were not detected above the laboratory detection limits. SVOCs detected above the applicable RSR criteria in RSB-A45, and the maximum levels detected are presented below. See Table 1 for additional information:

- RSB-A45 (2-5'): Benzo(a)anthracene (20,700 µg/kg), Benzo(a)pyrene (12,200 µg/kg), Benzo(b)fluoranthene (9,460 µg/kg), Benzo(g,h,i)perylene (4,240 µg/kg), Benzo(k)fluoranthene (11,100 µg/kg), Carbazole (3,790 µg/kg), Chrysene (18,500 µg/kg), Dibenzofuran (4,410 µg/kg), Fluoranthene (44,100 µg/kg), Fluorene (6,980 µg/kg), 2-Methylnaphthalene (2,220 µg/kg), Phenanthrene (50,600 µg/kg), and Pyrene (44,500 µg/kg)

Polychlorinated Biphenyls (PCBs)

A total of 49 soil samples were submitted for PCB analysis. No PCBs were detected above the laboratory detection limits.

Herbicides

A total of 49 soil samples were submitted for herbicide analysis. No herbicides were detected above the laboratory detection limits.

Extractable Total Petroleum Hydrocarbons (ETPH)

A total of 49 soil samples were submitted for ETPH analysis. With the exception of 13 samples which detected ETPH above the laboratory detection but below the RSR criteria, ETPH were not detected above the laboratory detection limits. ETPH were also not detected above the applicable RSR criteria. Of those 13 samples where ETPH was detected, 12 were detected in the 22 mg/kg to 83 mg/kg range. The highest ETPH concentration was 334 mg/kg, detected in sample RSB-A45 (1-4'). For additional information, see Table 1.

Total RCRA 8 Metals

A total of 49 soil samples were submitted for mass analysis of the eight RCRA metals. With the exception of arsenic (72.5 mg/kg) detected above the RSR criteria in soil sample RSB-A47 (1-4'), and lead and/or arsenic detected above what could be considered background concentrations in RSB-A41 (4-8'), RSB-A47 (1-4') and RSB-48 (1-4'), total metal were detected at concentrations that are considered consistent with background levels for the region.

Leachable (SPLP) RCRA 8 Metals

Four soil samples were submitted for analysis of the leachability of RCRA metals using the SPLP method. No concentrations exceeded the applicable RSR criteria.

5.0 Results of Groundwater Sampling Analyses

With the exception of three locations (RSB-A1, RSB-A2 and RSB-A44), groundwater was not encountered within 8 feet of the ground surface. One groundwater sample was collected at RSB-A1. A groundwater sample was not collected at RSB-A44 due to the perched condition of the groundwater above an underlying clay layer. No sheen or odors were noted in the groundwater. A groundwater sample collected February 24, 2009 at RSB-A1. 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.

Laboratory cross-contamination and a malfunctioning sample storage refrigerator resulted in the detection of 2-Butanone (MEK) and Freon 12 in two separate samples. See QA/QC data in Appendix C.

7.0 Conclusions

This Task 210 – Subsurface Site Investigation was conducted on December 2- 5, 2008, January 23, 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-A45 (2-5). Arsenic was detected above the applicable RSR criteria in RSB-A47 (1-4). No other RSR exceedances were identified.

Low-level concentrations of VOCs, ETPH, SVOCs, and RCRA 8 metals (total and leachable) 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

Total arsenic, mercury and lead were detected in the groundwater sample collected at RSB-1 at concentrations that exceed the SWPC. The concentrations may be related more to the presence of turbid water and then to the actual groundwater quality.

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 the results are above the laboratory detection 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. Therefore, Task 310 plans and specifications are recommended for the areas of construction within the LLAOECs with consideration for reuse of LLAOEC soil.

With the exception of a few locations, groundwater was not encountered across the project area below a depth of eight feet. Based on the presence of metals above the SWPC in the groundwater at RSB-A1, 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 Data
New Britain-Harford Busway
West Hartford
T# 127-17797-08009
DOT Project No. 171-305
DOT Assignment No. 403-3526

Sample Location				RSB-A1 (1-4)	RSB-A2 (1-4)	RSB-A3 (4-8)	RSB-A4 (1-4)	RSB-A5 (1-4)	RSB-A6 (4-8)	RSB-A7 (1-4)	RSB-A8 (1-4)	RSB-A9 (1-4)	RSB-A10 (1-4)	RSB-A11 (1-4)	RSB-A12 (1-4)	RSB-A13 (1-4)	RSB-A14 (1-4)
Laboratory ID				SA88258-01	SA88258-02	SA88258-03	SA88258-04	SA88258-05	SA88258-06	SA88258-07	SA88258-08	SA88258-09	SA88258-10	SA88258-11	SA88258-12	SA88258-13	SA88334-01
Sample Date				12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/3/2008
	Remediation Standard Regulations (RSR)																
	GB PMC	**I/C DEC**	**Res DEC**														
Volatile Organic Compounds (VOCs) by SW846 8260B (µg/kg)																	
2-Butanone (MEK)	80000	1000000	500000	<61.3	<66.2	<54.0	141 (VOC6)	<56.7	<79.7	<64.5	<54.9	<60.0	<50.5	<51.8	<61.2	<55.8	<51.7
1,1-Dichloroethane	14000	1000000	500000	<6.1	<6.6	<5.4	<6.4	<5.7	<8.0	<6.5	<5.5	<6.0	<5.0	<5.2	<6.1	<5.6	<5.2
1,2-Dichloroethane	200	63000	6700	<6.1	<6.6	<5.4	<6.4	<5.7	<8.0	<6.5	<5.5	<6.0	<5.0	<5.2	<6.1	<5.6	<5.2
Dichlorodifluoromethane (Freon12)	----	----	----	<12.3	<13.2	<10.8	<12.8	<11.3	<15.9	<12.9	<11.0	<12.0	<10.1	<10.4	<12.2	<11.2	<10.3
Naphthalene	56000	2500000	1000000	<6.1	<6.6	<5.4	<6.4	<5.7	<8.0	<6.5	<5.5	<6.0	<5.0	<5.2	<6.1	<5.6	<5.2
Semi-Volatile Organic Compounds (SVOCs) by SW846 8270C (µg/kg)																	
Acenaphthene	84000	2500000	1000000	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
Anthracene	400000	2500000	1000000	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
Benzo (a) anthracene	1000	7800	1000	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
Benzo (a) pyrene	1000	1000	1000	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
Benzo (b) fluoranthene	1000	7800	1000	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
Benzo (g,h,i) perylene	42000	2500000	1000000	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
Benzo (k) fluoranthene	1000	78000	8400	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
Carbazole	1000	290000	31000	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
Chrysene	1000	780000	84000	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
Dibenzofuran	5600	2500000	270000	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
Fluoranthene	56000	2500000	1000000	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
Fluorene	56000	2500000	1000000	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
Indeno (1,2,3-cd) pyrene	1000	7800	1000	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
1-Methylnaphthalene	NE	NE	NE	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
2-Methylnaphthalene	9800	2500000	474000	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
Naphthalene	56000	2500000	1000000	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
Phenanthrene	40000	2500000	1000000	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
Pyrene	40000	2500000	1000000	<381	<373	<374	<379	<362	<442	<375	<368	<360	<354	<361	<366	<363	<348
Total RCRA 8 Metals by EPA 6000/7000 Series Methods (mg/kg)																	
Arsenic	----	10	10	2.08	2.09	2.79	2.45	<1.51	2.38	2.33	2.37	2.51	1.68	2.92	2.15	2.07	2.14
Barium	----	140000	4700	72.3	88.1	105	149	52.7	249	27.3	40.2	37.3	41.1	163	70.4	72.7	28.8
Cadmium	----	1000	34	<0.517	<0.537	<0.562	0.512	<0.502	<0.648	<0.542	<0.528	<0.523	<0.514	0.565	<0.520	<0.544	<0.522
Chromium	----	----	----	17.5	21.1	24.8	23.3	14.8	28.0	6.23	11.8	9.19	9.48	27.0	16.3	18.9	7.44
Lead	----	1000	400	10.8	16.7	10.6	11.1	8.38	8.99	12.0	12.1	7.76	11.0	14.8	30.7	13.0	21.0
Mercury	----	610	20	<0.0323	<0.0316	<0.0317	<0.0327	<0.0326	<0.0375	<0.0325	<0.0330	<0.0298	0.0992	<0.0333	<0.0299	<0.0302	0.0325
Selenium	----	10000	340	2.58	3.46	3.23	3.47	2.45	5.60	<1.63	2.15	1.72	<1.54	4.07	2.51	2.57	<1.57
SPLP of Metals (mg/L)																	
Arsenic	0.5	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	10	----	----	NA	NA	NA	NA	NA	0.105	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.05	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.5	----	----	NA	NA	NA	NA	NA	0.0062	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.15	----	----	NA	NA	NA	NA	NA	0.0278	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.02	----	----	NA	NA	NA	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	<15.3	<15.0	<15.1	<15.3	<14.6	25.3	<15.1	<14.9	<14.5	<14.3	<14.6	<14.8	<14.6	<14.0
Polychlorinated Biphenyls (PCBs) by SW846 8082 (µg/kg)																	
Total Polychlorinated Biphenyls	----	10,000	1,000	<22.3	<21.8	<21.6	<22.5	<21.7	<25.3	<22.3	<21.8	<21.3	<21.4	<21.5	<20.9	<21.8	<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)	BRL(var)	BRL(var)	BRL(var)

Abbreviations:
Bold font denotes an exceedance of the RSRs
NA = Not Analyzed
NE = Not Established
---- = RSR criteria not established
< = Concentration less than the laboratory reportable detection limits
ETPH = Extractable Total Petroleum Hydrocarbons
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
E = The concentration indicated for this
analyte is an estimated value
VOC6 = the production of Acetone and
#/# = Original value/ Reanalyzed Value
(var) = variable detection limits
BRL = Below Reporting Limit
Notes:
1. Analytes listed when detected in at least one sample

Table 1
Laboratory Soil Data
New Britain-Harford Busway
West Hartford
T!# 127-17797-08009
DOT Project No. 171-305
DOT Assignment No. 403-3526

Sample Location				RSB-A15 (1-4)	RSB-A16 (1-4)	RSB-A17 (1-4)	RSB-A18 (1-4)	RSB-A19 (1-4)	RSB-A20 (1-4)	RSB-A21 (1-4)	RSB-A22 (1-4)	RSB-A23 (1-4)	RSB-A24 (1-4)	RSB-A25 (1-4)	RSB-A26 (1-4)	RSB-A27 (1-4)	RSB-A28 (1-4)
Laboratory ID				SA88334-02	SA88334-03	SA88334-04	SA88334-05	SA88334-06	SA88334-07	SA88334-08	SA88334-09	SA88334-10	SA88334-11	SA88334-12	SA88334-13	SA88334-14	SA88334-15
Sample Date				12/3/2008	12/3/2008	12/3/2008	12/3/2008	12/3/2008	12/3/2008	12/3/2008	12/3/2008	12/3/2008	12/3/2008	12/3/2008	12/3/2008	12/3/2008	12/3/2008
	Remediation Standard Regulations (RSR)																
	GB PMC	**I/C DEC**	**Res DEC**														
Volatile Organic Compounds (VOCs) by SW846 8260B (µg/kg)																	
2-Butanone (MEK)	80000	1000000	500000	<47.4	<39.8	<40.2	<47.4	<35.2	<33.5	<48.7	<43.3	<47.0	<422	<30.5	<49.7	<35.4	<39.2
1,1-Dichloroethane	14000	1000000	500000	<4.7	<4.0	<4.0	<4.7	<3.5	<3.3	<4.9	<4.3	<4.7	<42.2	<3.0	<5.0	<3.5	<3.9
1,2-Dichloroethane	200	63000	6700	<4.7	<4.0	<4.0	<4.7	<3.5	<3.3	<4.9	<4.3	<4.7	<42.2	<3.0	<5.0	<3.5	<3.9
Dichlorodifluoromethane (Freon12)	----	----	----	<9.5	<8.0	<8.0	<9.5	<7.0	<6.7	<9.7	<8.7	<9.4	<84.4	<6.1	<9.9	<7.1	<7.8
Naphthalene	56000	2500000	1000000	<4.7	<4.0	<4.0	<4.7	<3.5	<3.3	<4.9	<4.3	<4.7	<42.2	<3.0	<5.0	<3.5	<3.9
Semi-Volatile Organic Compounds (SVOCs) by SW846 8270C (µg/kg)																	
Acenaphthene	84000	2500000	1000000	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
Anthracene	400000	2500000	1000000	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
Benzo (a) anthracene	1000	7800	1000	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
Benzo (a) pyrene	1000	1000	1000	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
Benzo (b) fluoranthene	1000	7800	1000	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
Benzo (g,h,i) perylene	42000	2500000	1000000	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
Benzo (k) fluoranthene	1000	78000	8400	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
Carbazole	1000	290000	31000	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
Chrysene	1000	780000	84000	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
Dibenzofuran	5600	2500000	270000	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
Fluoranthene	56000	2500000	1000000	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
Fluorene	56000	2500000	1000000	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
Indeno (1,2,3-cd) pyrene	1000	7800	1000	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
1-Methylnaphthalene	NE	NE	NE	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
2-Methylnaphthalene	9800	2500000	474000	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
Naphthalene	56000	2500000	1000000	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
Phenanthrene	40000	2500000	1000000	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
Pyrene	40000	2500000	1000000	<380	<365	<361	<357	<356	<360	<403	<367	<383	<368	<365	<413	<415	<420
Total RCRA 8 Metals by EPA 6000/7000 Series Methods (mg/kg)																	
Arsenic	----	10	10	3.22	1.83	<1.66	3.38	1.59	3.49	1.93	3.18	2.28	1.91	2.73	2.02	2.32	2.88
Barium	----	140000	4700	65.4	62.1	56.5	52.4	45.7	39.5	162	75.4	100	62.1	182	61.0	70.9	186
Cadmium	----	1000	34	<0.519	<0.478	<0.552	<0.534	<0.493	<0.495	0.702	<0.484	0.571	<0.517	0.735	<0.586	<0.628	0.762
Chromium	----	----	----	14.8	15.8	14.6	11.4	10.7	10.3	42.0	22.1	35.1	13.2	34.9	16.2	23.2	35.7
Lead	----	1000	400	9.47	8.12	11.4	9.68	10.5	24.0	15.9	26.0	15.3	16.1	15.1	9.74	9.03	15.8
Mercury	----	610	20	<0.0312	<0.0321	0.188	<0.0329	<0.0311	0.127	<0.0366	0.0481	<0.0330	0.0563	<0.0332	<0.0352	<0.0351	<0.0355
Selenium	----	10000	340	2.44	2.22	2.21	1.81	1.71	1.72	6.48	2.56	4.66	2.07	4.66	2.68	3.55	5.09
SPLP of Metals (mg/L)																	
Arsenic	0.5	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	10	----	----	NA	NA	NA	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	NA	NA	NA
Chromium	0.5	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.15	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.02	----	----	NA	NA	NA	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	55.1	50.8	<14.5	<14.4	<14.3	26.2	<16.2	30.3	62.1	<14.8	<14.7	<16.6	<16.7	<16.9
Polychlorinated Biphenyls (PCBs) by SW846 8082 (µg/kg)																	
Total Polychlorinated Biphenyls	----	10,000	1,000	<21.8	<22.1	<21.7	<21.2	<21.4	<21.7	<24.2	<21.5	<21.6	<21.6	<20.9	<24.0	<25.1	<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)	BRL(var)	BRL(var)	BRL(var)

Abbreviations:
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< = Concentration less than the laboratory reportable detection limits
ETPH = Extractable Total Petroleum Hydrocarbons
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I/C DEC = Industrial/Commercial Direct Exposure Criteria
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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
E = The concentration indicated for this
analyte is an estimated value
VOC6 = the production of Acetone and
#/# = Original value/ Reanalyzed Value
(var) = variable detection limits
BRL = Below Reporting Limit
Notes:
1. Analytes listed when detected in at least one sample

Table 1
Laboratory Soil Data
New Britain-Harford Busway
West Hartford
T# 127-17797-08009
DOT Project No. 171-305
DOT Assignment No. 403-3526

Sample Location				RSB-A29 (1-4)	RSB-A30 (1-4)	RSB-A31 (1-4)	RSB-A32 (1-4)	RSB-A33 (1-4)	RSB-A34 (1-4)	RSB-A35 (1-4)	RSB-A36 (1-4)	RSB-A37 (2-6)	RSB-A38 (1-4)	RSB-A39 (4-8)	RSB-A40 (1-6)	RSB-A41 (4-8)	RSB-A42 (1-4)
Laboratory ID				SA88334-16	SA88334-17	SA88334-18	SA88429-01	SA88429-02	SA88429-03	SA88429-04	SA88429-05	SA88429-06	SA88429-07	SA88429-08	SA88429-09	SA88429-10	SA88429-11
Sample Date				12/3/2008	12/3/2008	12/3/2008	12/4/2008	12/4/2008	12/4/2008	12/4/2008	12/4/2008	12/4/2008	12/4/2008	12/4/2008	12/4/2008	12/4/2008	12/4/2008
	Remediation Standard Regulations (RSR)																
	GB PMC	I/C DEC	Res DEC														
Volatile Organic Compounds (VOCs) by SW846 8260B (µg/kg)																	
2-Butanone (MEK)	80000	1000000	500000	<65.2	<47.6	<53.5	<68.2	<63.5	<44.9	<58.2	<54.3	<63.3	<56.4	<59.8	<60.9	<53.5	<56.8
1,1-Dichloroethane	14000	1000000	500000	<6.5	<4.8	<5.4	<6.8	<6.4	<4.5	<5.8	<5.4	<6.3	<5.6	<6.0	<6.1	<5.3	<5.7
1,2-Dichloroethane	200	63000	6700	<6.5	<4.8	<5.4	<6.8	<6.4	<4.5	<5.8	<5.4	<6.3	<5.6	<6.0	<6.1	<5.3	<5.7
Dichlorodifluoromethane (Freon12)	----	----	----	<13.0	<9.5	<10.7	<13.6	<12.7	<9.0	<11.6	<10.9	<12.7	<11.3	<12.0	<12.2	<10.7	<11.4
Naphthalene	56000	2500000	1000000	<6.5	<4.8	<5.4	<6.8	<6.4	<4.5	<5.8	<5.4	<6.3	<5.6	<6.0	<6.1	<5.3	<5.7
Semi-Volatile Organic Compounds (SVOCs) by SW846 8270C (µg/kg)																	
Acenaphthene	84000	2500000	1000000	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	<356	<347
Anthracene	400000	2500000	1000000	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	<356	<347
Benzo (a) anthracene	1000	7800	1000	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	466	<347
Benzo (a) pyrene	1000	1000	1000	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	356	<347
Benzo (b) fluoranthene	1000	7800	1000	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	490	<347
Benzo (g,h,i) perylene	42000	2500000	1000000	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	<356	<347
Benzo (k) fluoranthene	1000	78000	8400	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	<356	<347
Carbazole	1000	290000	31000	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	<356	<347
Chrysene	1000	780000	84000	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	585	<347
Dibenzofuran	5600	2500000	270000	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	<356	<347
~~Fluoranthene~~	~~56000~~	~~2500000~~	~~1000000~~	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	931	<347
Fluorene	56000	2500000	1000000	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	<356	<347
Indeno (1,2,3-cd) pyrene	1000	7800	1000	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	<356	<347
1-Methylnaphthalene	NE	NE	NE	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	<356	<347
2-Methylnaphthalene	9800	2500000	474000	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	<356	<347
Naphthalene	56000	2500000	1000000	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	<356	<347
Phenanthrene	40000	2500000	1000000	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	377	<347
Pyrene	40000	2500000	1000000	<465	<435	<446	<400	<389	<371	<365	<351	<358	<365	<367	<354	962	<347
Total RCRA 8 Metals by EPA 6000/7000 Series Methods (mg/kg)																	
Arsenic	----	10	10	2.50	3.33	3.17	3.01	3.21	2.12	1.70	1.39	1.94	<1.49	1.78	2.66	7.11	2.13
Barium	----	140000	4700	63.9	167	219	75.7	51.2	64.5	57.2	38.2	36.1	28.8	36.2	36.2	50.6	38.0
Cadmium	----	1000	34	<0.652	0.723	0.851	0.674	<0.594	0.586	<0.544	<0.459	0.508	<0.498	<0.559	<0.469	<0.513	<0.510
Chromium	----	----	----	21.2	38.3	54.4	13.3	8.38	13.5	12.0	7.05	12.0	7.66	10.4	5.98	6.95	7.61
Lead	----	1000	400	10.7	14.7	17.7	31.3	37.8	8.77	11.4	13.2	26.3	6.25	20.2	18.7	35.5	34.6
Mercury	----	610	20	<0.0385	<0.0368	<0.0382	0.0639	0.226	<0.0324	<0.0299	0.256	0.0384	<0.0309	0.0883	<0.0327	0.0292	0.0374
Selenium	----	10000	340	3.47	5.30	6.18	<1.84	<1.78	<1.61	<1.63	<1.38	<1.52	<1.49	<1.68	<1.41	<1.54	<1.53
SPLP of Metals (mg/L)																	
Arsenic	0.5	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	10	----	----	NA	NA	0.174	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	NA	NA	NA
Chromium	0.5	----	----	NA	NA	0.0124	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.15	----	----	NA	NA	<0.0075	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.02	----	----	NA	NA	NA	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	68.1	<17.5	<18.0	<16.1	<15.7	<14.9	<14.7	<14.2	<14.4	<14.7	<14.8	<14.3	82.6	22.7
Polychlorinated Biphenyls (PCBs) by SW846 8082 (µg/kg)																	
Total Polychlorinated Biphenyls	----	10,000	1,000	<28.0	<25.1	<26.0	<22.8	<23.3	<22.4	<21.9	<20.3	<21.1	<22.3	<21.2	<20.6	<21.2	<20.6
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)	BRL(var)	BRL(var)	BRL(var)

Abbreviations:
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GB PMC = Pollutant Mobility Criteria for a GB groundwater designation
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mg/kg = milligrams /kilogram or parts per million
µg/kg= micrograms/kilogram or parts per billion
mg/L = milligrams/liter or parts per million
E = The concentration indicated for this
analyte is an estimated value
VOC6 = the production of Acetone and
##/## = Original value/ Reanalyzed Value
(var) = variable detection limits
BRL = Below Reporting Limit
Notes:
1. Analytes listed when detected in at least one sample

Table 1
Laboratory Soil Data
New Britain-Harford Busway
West Hartford
Tt# 127-17797-08009
DOT Project No. 171-305
DOT Assignment No. 403-3526

Sample Location	Remediation Standard Regulations (RSR)			RSB-A43 (4-8)	RSB-A44 (1-4)	RSB-A45 (2-5)	RSB-A46 (1-4)	RSB-A47 (1-4)	RSB-A48 (1-4)	RSB-A50 (1-4)
Laboratory ID				**SA88429-12**	**SA88429-13**	**SA88429-14**	**SA88429-15**	**SA88551-02**	**SA88551-03**	**SA90344-05**
Sample Date				**12/4/2008**	**12/4/2008**	**12/4/2008**	**12/4/2008**	**12/5/2008**	**12/5/2008**	**1/23/2009**
	GB PMC	**I/C DEC**	**Res DEC**							
Volatile Organic Compounds (VOCs) by SW846 8260B (µg/kg)										
2-Butanone (MEK)	80000	1000000	500000	<49.6	<60.1	<78.6	<58.9	<76.0	<60.5	<68.1
1,1-Dichloroethane	14000	1000000	500000	<5.0	<6.0	<7.9	<5.9	8.5	<6.1	<6.8
1,2-Dichloroethane	200	63000	6700	<5.0	<6.0	<7.9	<5.9	15.0	<6.1	<6.8
Dichlorodifluoromethane (Freon12)	----	----	----	<9.9	<12.0	<15.7	<11.8	<15.2	<12.1	1640 (E)/256
Naphthalene	56000	2500000	1000000	<5.0	<6.0	20.4	<5.9	<7.6	<6.1	<6.8
Semi-Volatile Organic Compounds (SVOCs) by SW846 8270C (µg/kg)										
Acenaphthene	84000	2500000	1000000	<350	<361	6200/<10300	<376	<431	<389	<396
Anthracene	400000	2500000	1000000	<350	<361	12800/14100	<376	<431	<389	<396
Benzo (a) anthracene	1000	7800	1000	<350	<361	**1850020700**	607	474	<389	<396
Benzo (a) pyrene	1000	1000	1000	<350	<361	**11300/12200**	390	<431	<389	<396
Benzo (b) fluoranthene	1000	7800	1000	<350	<361	**9460**/<10300	<376	<431	<389	<396
Benzo (g,h,i) perylene	42000	2500000	1000000	<350	<361	4240/<10300	<376	<431	<389	<396
Benzo (k) fluoranthene	1000	78000	8400	<350	<361	**9080/11100**	<376	<431	<389	<396
Carbazole	1000	290000	31000	<350	<361	**3790**/<10300	<376	<431	<389	<396
Chrysene	1000	780000	84000	<350	<361	**16800/18500**	572	584	<389	<396
Dibenzofuran	5600	2500000	270000	<350	<361	4410/<10300	<376	<431	<389	<396
Fluoranthene	56000	2500000	1000000	<350	<361	40700 (E)/44100	1230	815	<389	<396
Fluorene	56000	2500000	1000000	<350	<361	6980/<10300	<376	<431	<389	<396
Indeno (1,2,3-cd) pyrene	1000	7800	1000	<350	<361	6010/<10300	<376	<431	<389	<396
1-Methylnaphthalene	NE	NE	NE	<350	<361	2220/<10300	<376	<431	<389	<396
2-Methylnaphthalene	9800	2500000	474000	<350	<361	2220/<10300	<376	<431	<389	<396
Naphthalene	56000	2500000	1000000	<350	<361	3240/<10300	<376	<431	<389	<396
Phenanthrene	40000	2500000	1000000	<350	<361	**48500 (E)/50600**	1350	465	<389	<396
Pyrene	40000	2500000	1000000	<350	<361	39400 (E)/**44500**	1240	1010	<389	<396
Total RCRA 8 Metals by EPA 6000/7000 Series Methods (mg/kg)										
Arsenic	----	10	10	1.89	3.27	3.75	2.68	**72.5**	3.88	<1.72
Barium	----	140000	4700	45.2	50.0	70.3	72.9	111	36.2	71.6
Cadmium	----	1000	34	<0.485	0.579	1.04	0.654	0.756	<0.580	<0.572
Chromium	----	----	----	9.10	10.8	15.7	14.3	8.75	7.17	17.0
Lead	----	1000	400	17.4	41.0	84.8	29.6	91.5	57.5	16.6
Mercury	----	610	20	0.0420	0.182	0.485	0.358	0.0843	0.0848	<0.0328
Selenium	----	10000	340	<1.46	<1.46	<1.91	<1.60	<1.94	<1.74	<1.72
SPLP of Metals (mg/L)										
Arsenic	0.5	----	----	NA	NA	NA	NA	<0.0080	NA	NA
Barium	10	----	----	NA	NA	NA	NA	<0.0700	NA	NA
Cadmium	0.05	----	----	NA	NA	<0.0025	NA	NA	NA	NA
Chromium	0.5	----	----	NA	NA	<0.005	NA	NA	NA	NA
Lead	0.15	----	----	NA	NA	0.0184	NA	<0.0150	NA	NA
Mercury	0.02	----	----	NA	NA	<0.0002	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) by ETPH Method (mg/kg)										
Total Petroleum Hydrocarbons	2500	2500	500	<14.1	<14.6	334	38.8	78.4	64.5	<15.9
Polychlorinated Biphenyls (PCBs) by SW846 8082 (µg/kg)										
Total Polychlorinated Biphenyls	----	10,000	1,000	<20.9	<21.0	<24.3	<21.9	<25.5	<23.2	<23.2
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)

Abbreviations:
Bold font denotes an exceedance of the RSRs
NA = Not Analyzed
NE = Not Established
---- = RSR criteria not established
< = Concentration less than the laboratory reportable detection limits
ETPH = Extractable Total Petroleum Hydrocarbons
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
E = The concentration indicated for this
analyte is an estimated value
VOC6 = the production of Acetone and
#/# = Original value/ Reanalyzed Value
(var) = variable detection limits
BRL = Below Reporting Limit
Notes:
1. Analytes listed when detected in at least one sample

Table 2
Laboratory Groundwater Data
New Britain-Harford Busway
West Hartford
Tt# 127-17797-08009
DOT Project No. 171-305
DOT Assignment No. 403-3526

Sample Location				RSB-A1 (GW)
Laboratory ID				SA91442-01
Sample Date				2/24/2009
	Remediation Standard Regulations (RSRs)			
	SWPC	Res VC	I/C VC	
Volatile Organic Compounds (VOCs) by SW846 8260B (µg/L)				
VOCs	Varies	Varies	Varies	BRL(var)
Semi-Volatile Organic Compounds (SVOCs) by SW846 8270C (µg/L)				
SVOCs	Varies	Varies	Varies	BRL(var)
Total RCRA 8 Metals by EPA 6000/7000 Series Methods (mg/L)				
Arsenic	0.004	----	----	**0.53**
Barium	----	----	----	26.1
Chromium	----	----	----	1.05
Mercury	0.0004	----	----	**0.00216**
Lead	0.013	----	----	**0.864**
Total Petroleum Hydrocarbons (TPH) (ETPH Method) (mg/L)				
Total Petroleum Hydrocarbons	----	----	----	<0.1
Polychlorinated Biphenyls (PCBs) by SW846 8082 (µg/L)				
Total Polychlorinated Biphenyls	0.5	----	----	<0.263
Chlorinated Herbicides by SW846 8151A (µg/kg)				
Chlorinated Herbicides	Varies	Varies	Varies	BRL(var)

Abbreviations:
Bold font denotes an exceedance of the RSRs
---- = 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 Limit
var = Variable Laboratory Detection Limit
Notes:
1. Analytes listed when detected in at least one sample

Table 3
QA/QC Laboratory Data
New Britain-Harford Busway
West Hartford
Tt# 127-17797-08010
DOT Project No. 171-305
DOT Assignment No. 403-3526

Sample Location				Trip Blank	Trip Blank	Trip Blank
Laboratory ID				SA88551-01	SA88429-16	SA91442-02
Sample Date				12/5/2008	12/4/2008	2/24/2009
	Remediation Standard Regulations (RSRs)					
	SWPC	Res VC	I/C VC			
Volatile Organic Compounds (VOCs) by SW846 8260B (µg/l)						
Acetone	----	50000	50000	<10.0	<10.0	20.0

Abbreviations:
---- = RSR criteria not established
< = Concentration less than the laboratory reportable detection limits
SWPC = Surface Water Protection Criteria
I/C VC = Industrial/Commercial Volatilization Criteria
Res VC = Residential Volatilization Criteria
ug/L = micrograms/liter
Notes:
1. Analytes listed when detected in at least one sample

127-17797-08009G-ESL03

New Britain-Hartford Busway
Sta. 203+00 to Sta. 332+00
Newington to West Hartford, Connecticut

0 2000± Feet

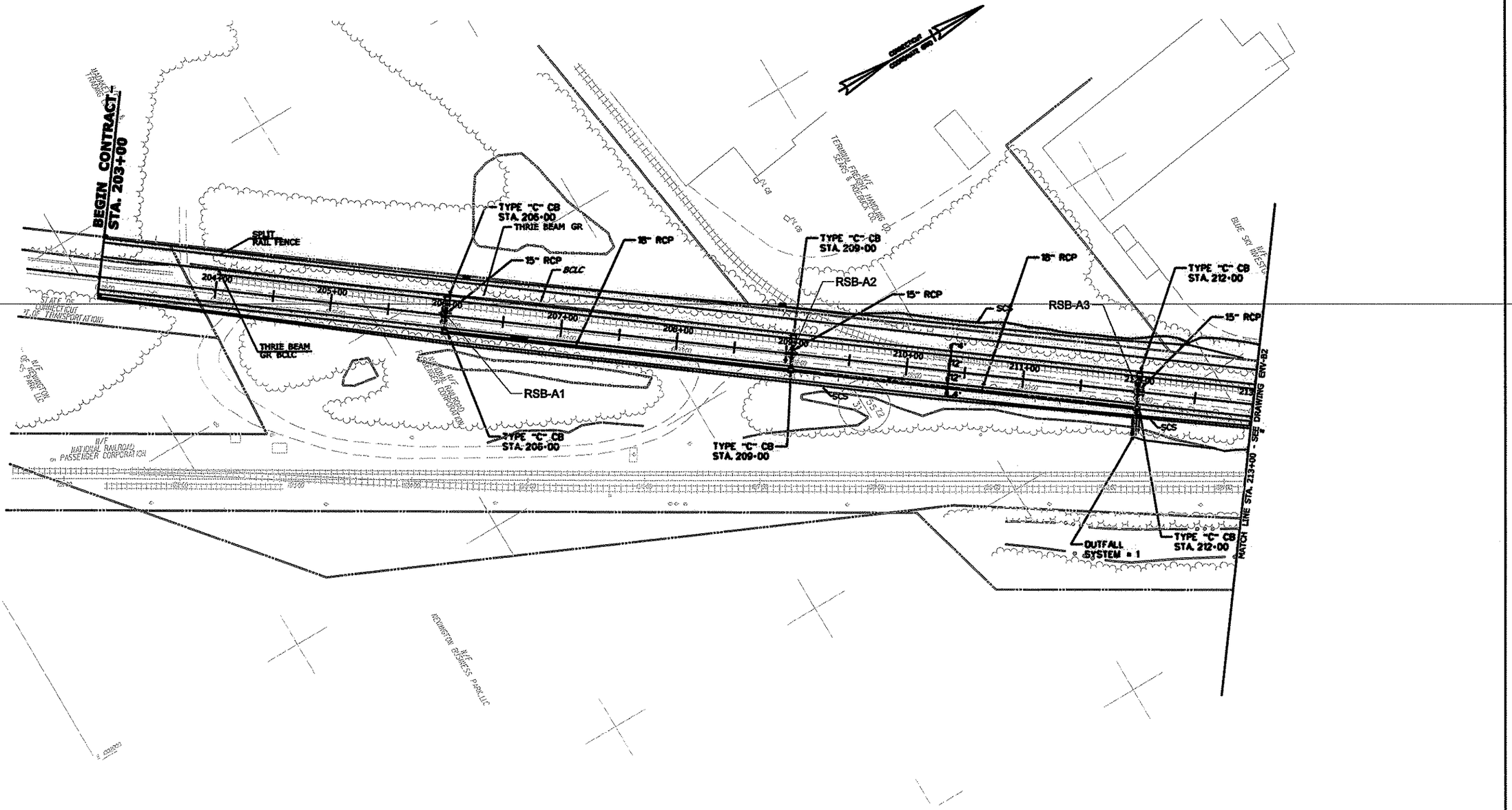
TETRA TECH RIZZO

Based on:
USGS Map of Hartford South, CT, 1964, Revised 1992
USGS Map of New Britain, CT, 1968, Revised 1992

Site Location Map

Figure
1

J:\Project\127-17797-08009\Graphic\127-17797-08009G-ESL03.dwg 2/26/2009 11:25:04 AM EST



LEGEND

RSB-A1 ✥ SOIL BORING LOCATION

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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DESIGNER/DRAFTER: J. LUNDQUIST
CHECKED BY: D. WILLIAMS
SCALE IN FEET
0 40 80
SCALE 1" = 40'

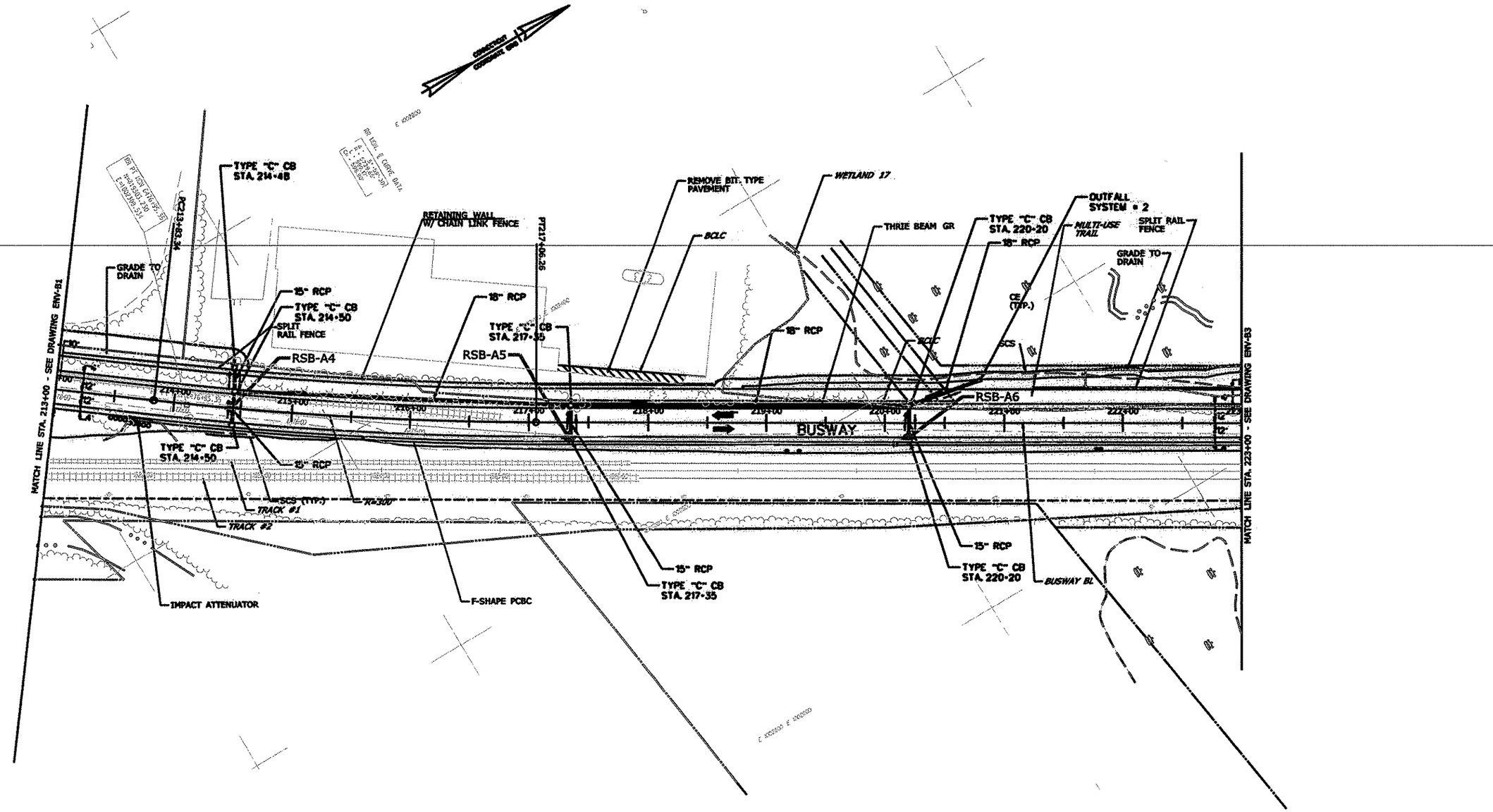
STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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

TETRA TECH RIZZO

PROJECT TITLE:
NEW BRITAIN - HARTFORD BUSWAY

TOWN: NEWINGTON-WEST HARTFORD
PROJECT NO. 93-H048
DRAWING NO. ENV-B1
DRAWING TITLE: SOIL BORING LOCATION PLAN
SHEET NO.



LEGEND

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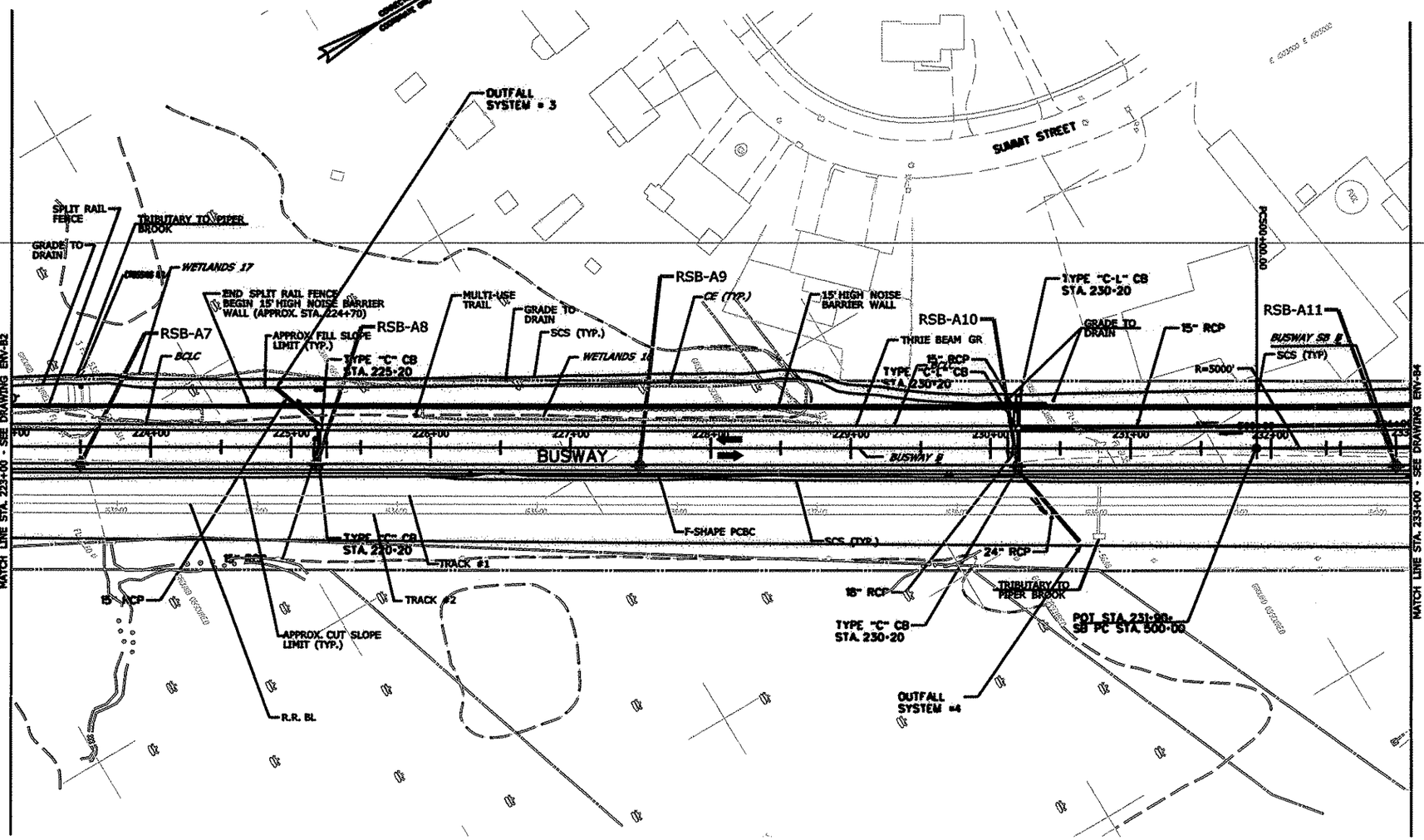
PROJECT TITLE:
NEW BRITAIN - HARTFORD BUSWAY

TOWN: NEWINGTON - WEST HARTFORD
DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO. 93-H046
DRAWING NO. ENV-B2
SHEET NO.



LEGEND

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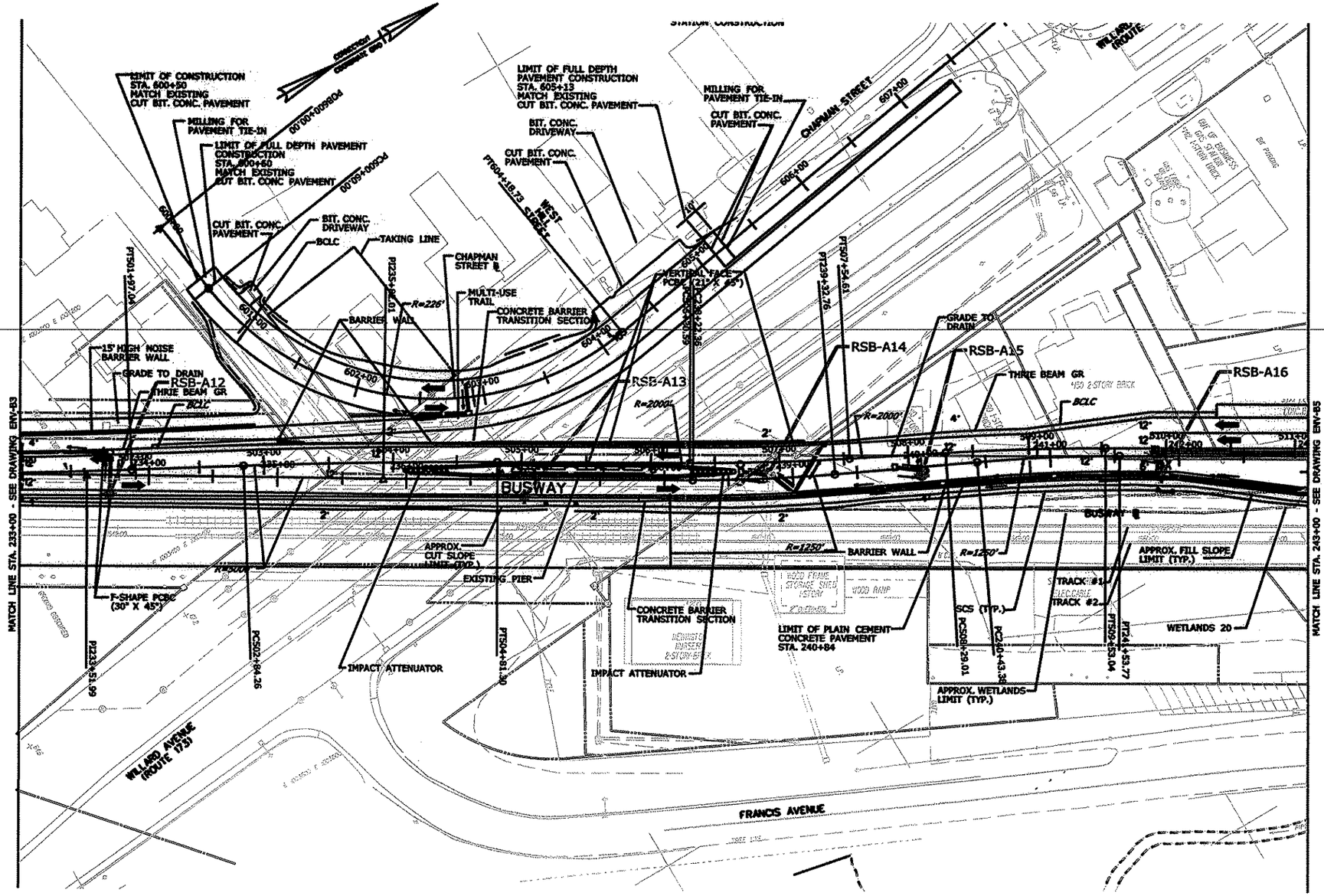
TOWN: NEWINGTON - WEST HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO. 93-H046
DRAWING NO. ENV-B3
SHEET NO.



LEGEND

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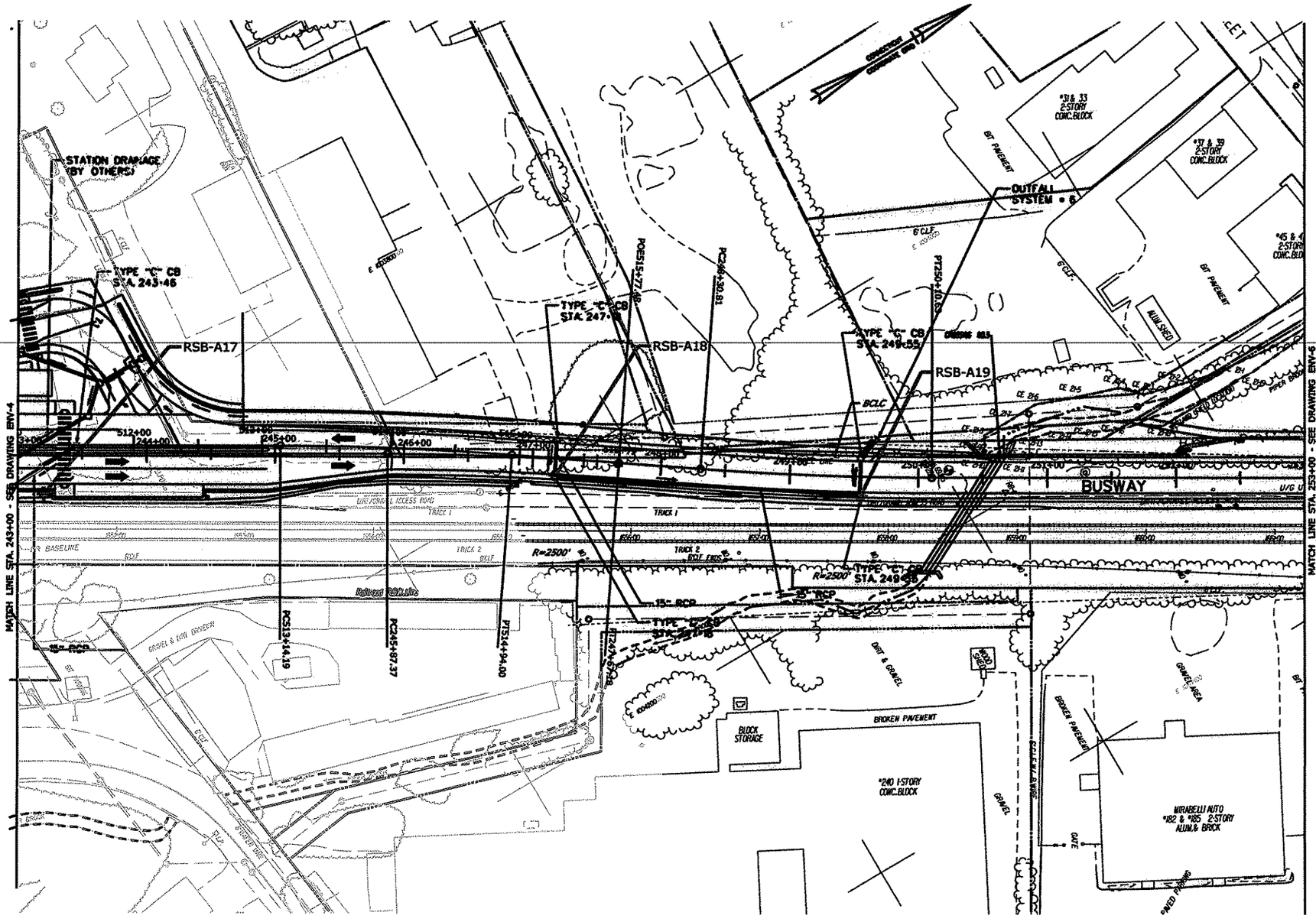
TOWN: NEWINGTON - WEST HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO. 93-H046
DRAWING NO. ENV-B4
SHEET NO.



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NEW BRITAIN - HARTFORD BUSWAY

TOWN: NEWINGTON - WEST HARTFORD
DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO. 93-H046
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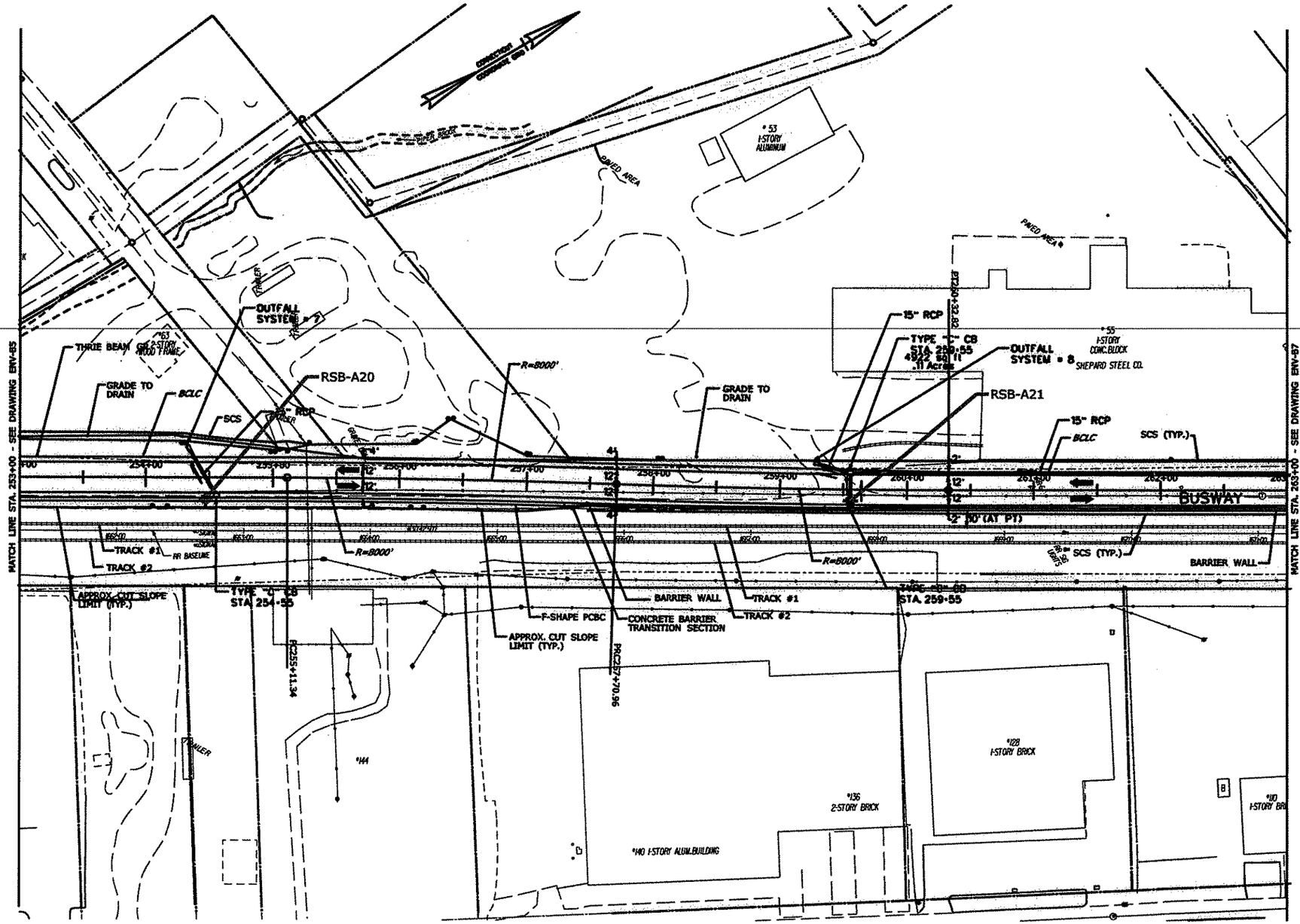

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TOWN: NEWINGTON-WEST HARTFORD
PROJECT NO. 93-H046
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DRAWING TITLE: SOIL BORING LOCATION PLAN
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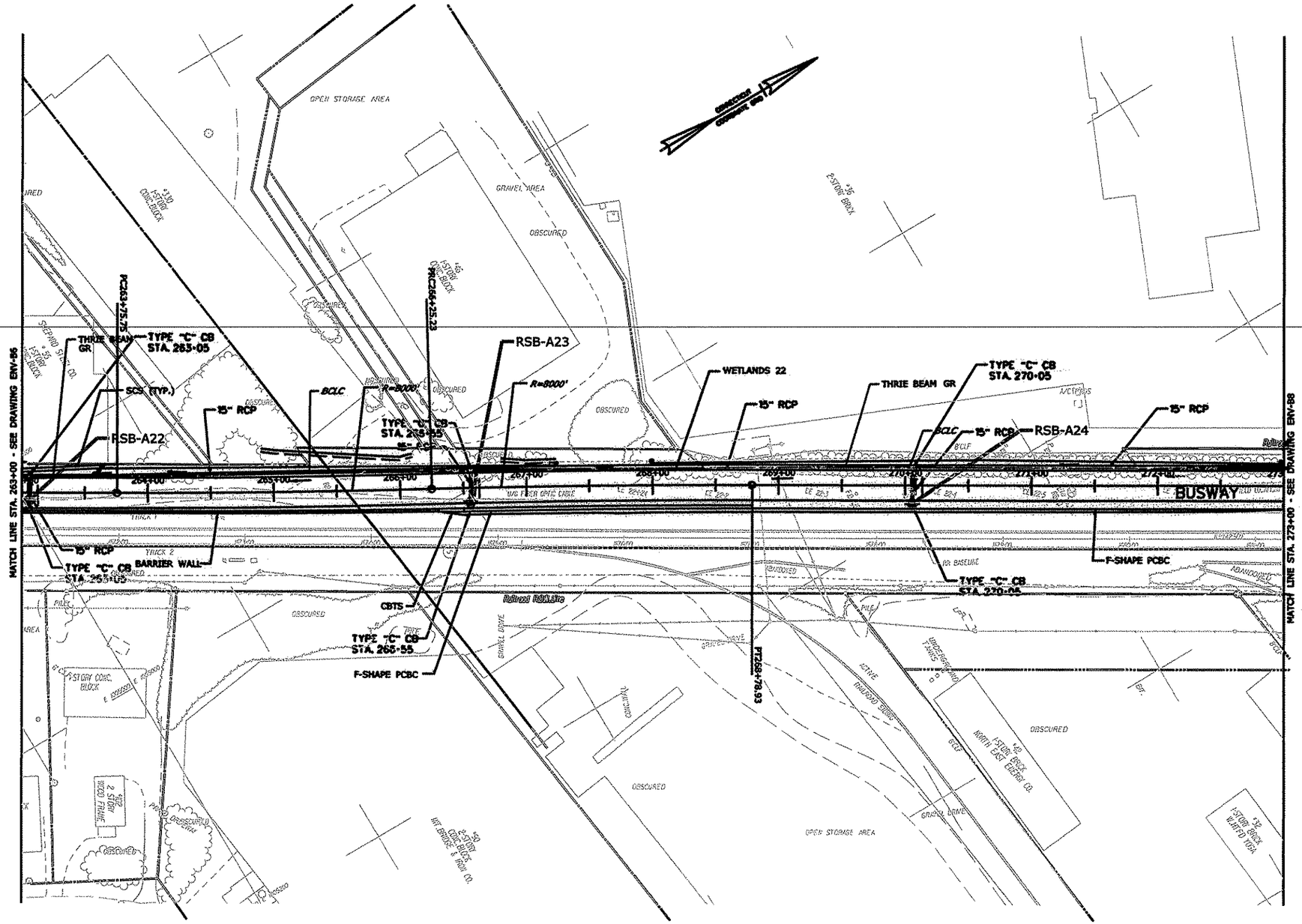

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TOWN: NEWINGTON-WEST HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO. 93-H046
DRAWING NO. ENV-B7
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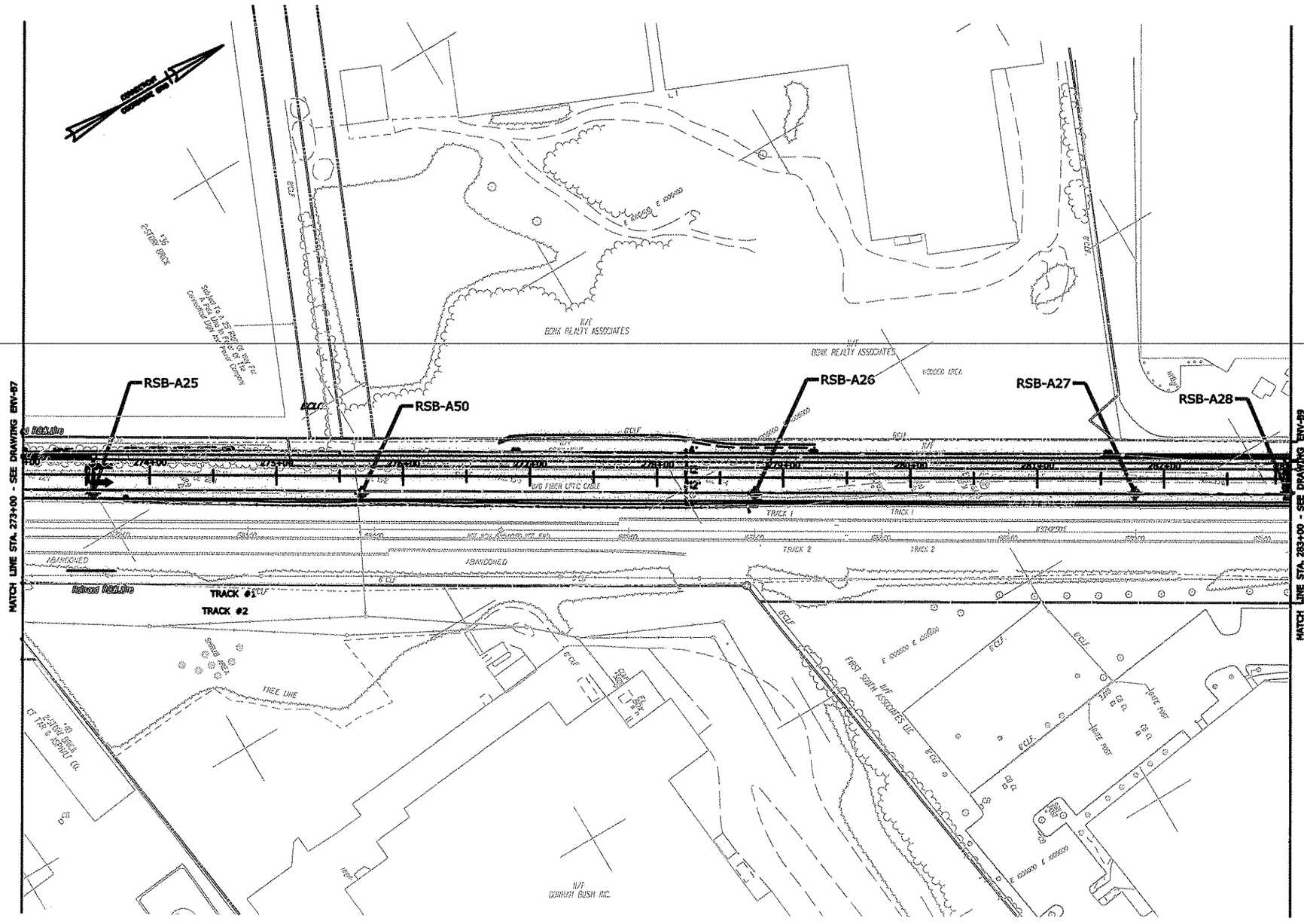

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TOWN: NEWINGTON - WEST HARTFORD
DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO. 93-H046
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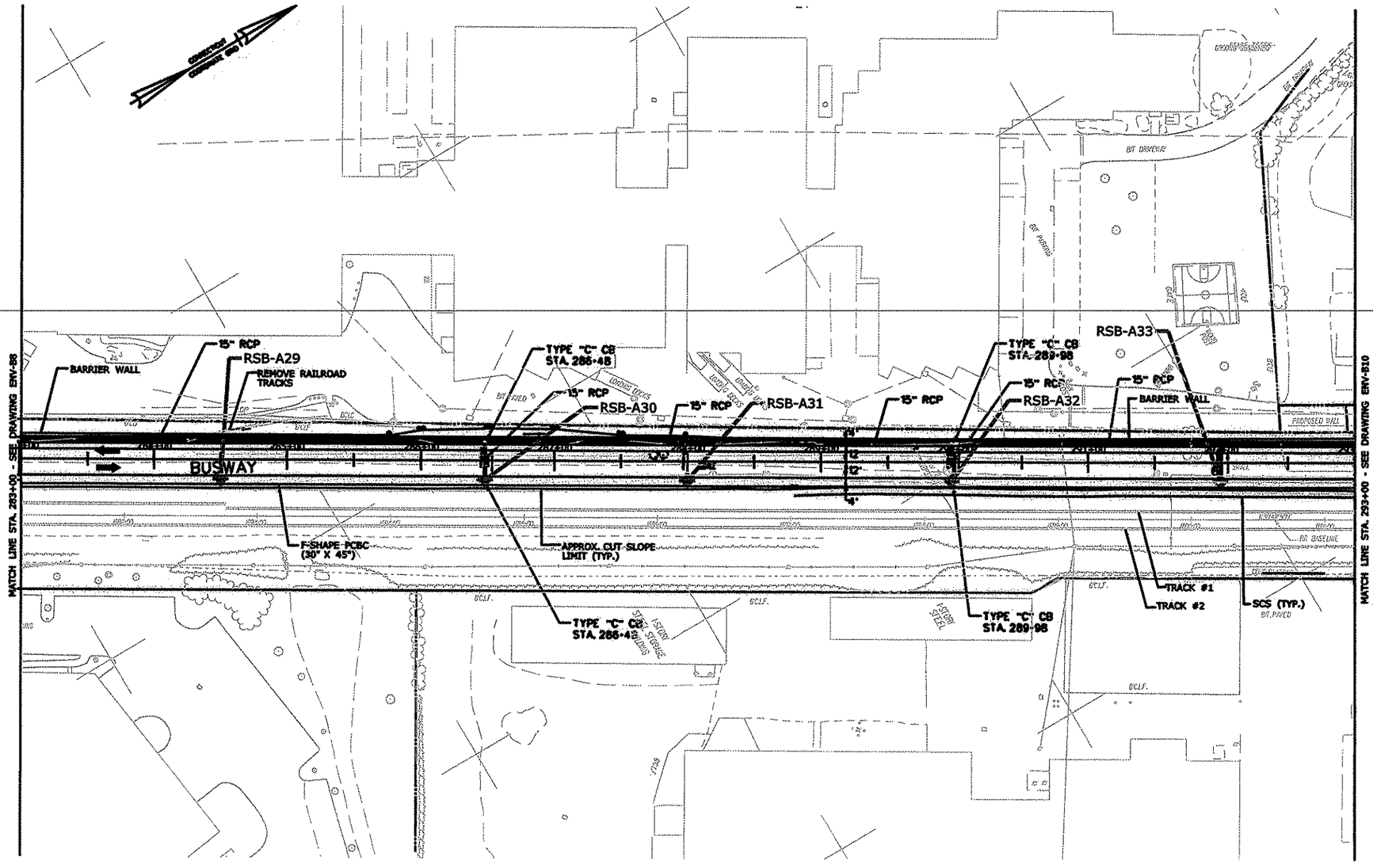

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TOWN: NEWINGTON - WEST HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO. 93-H046
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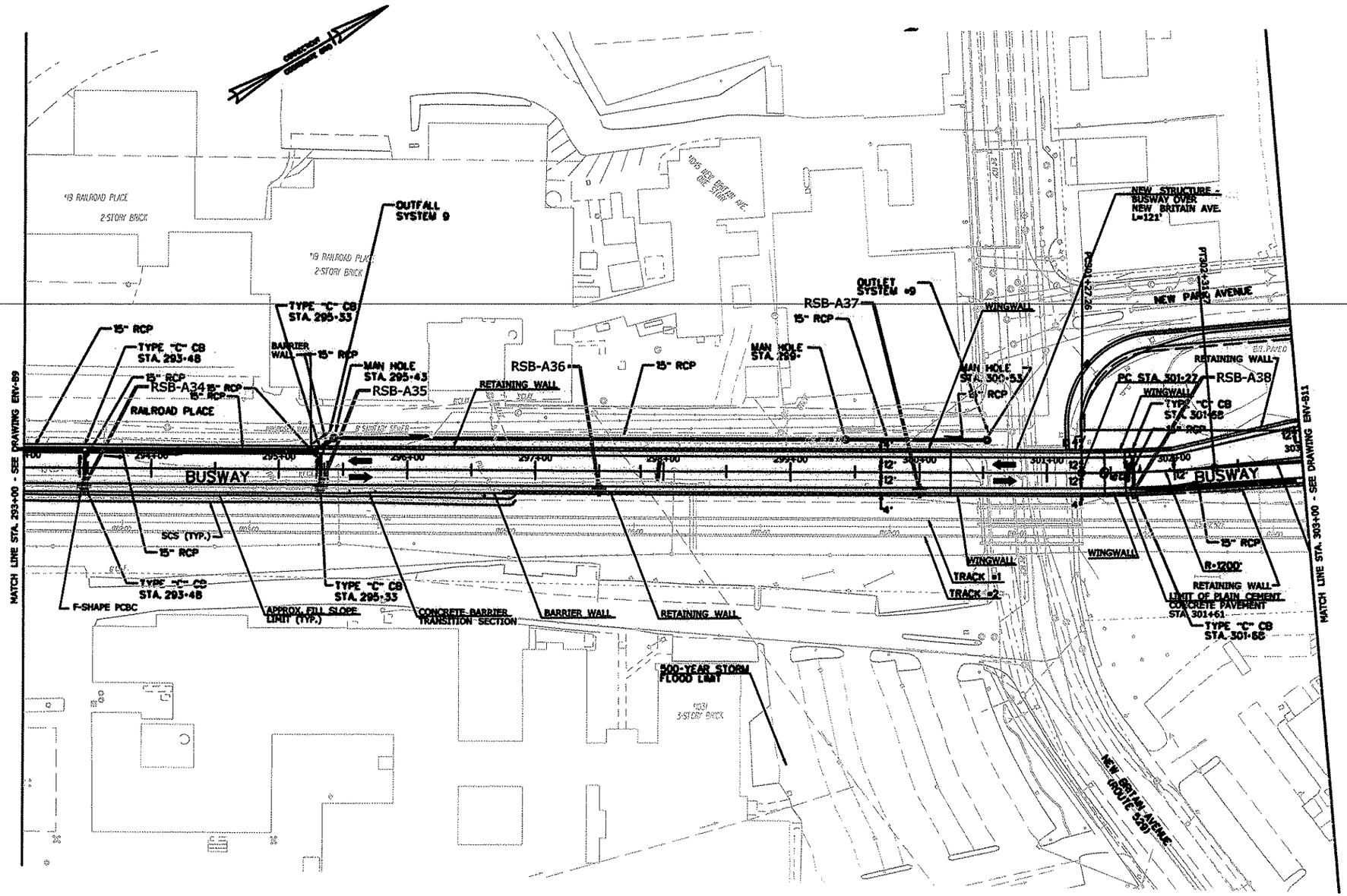

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NEW BRITAIN - HARTFORD BUSWAY

TOWN: NEWINGTON-WEST HARTFORD
DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO. 93-H046
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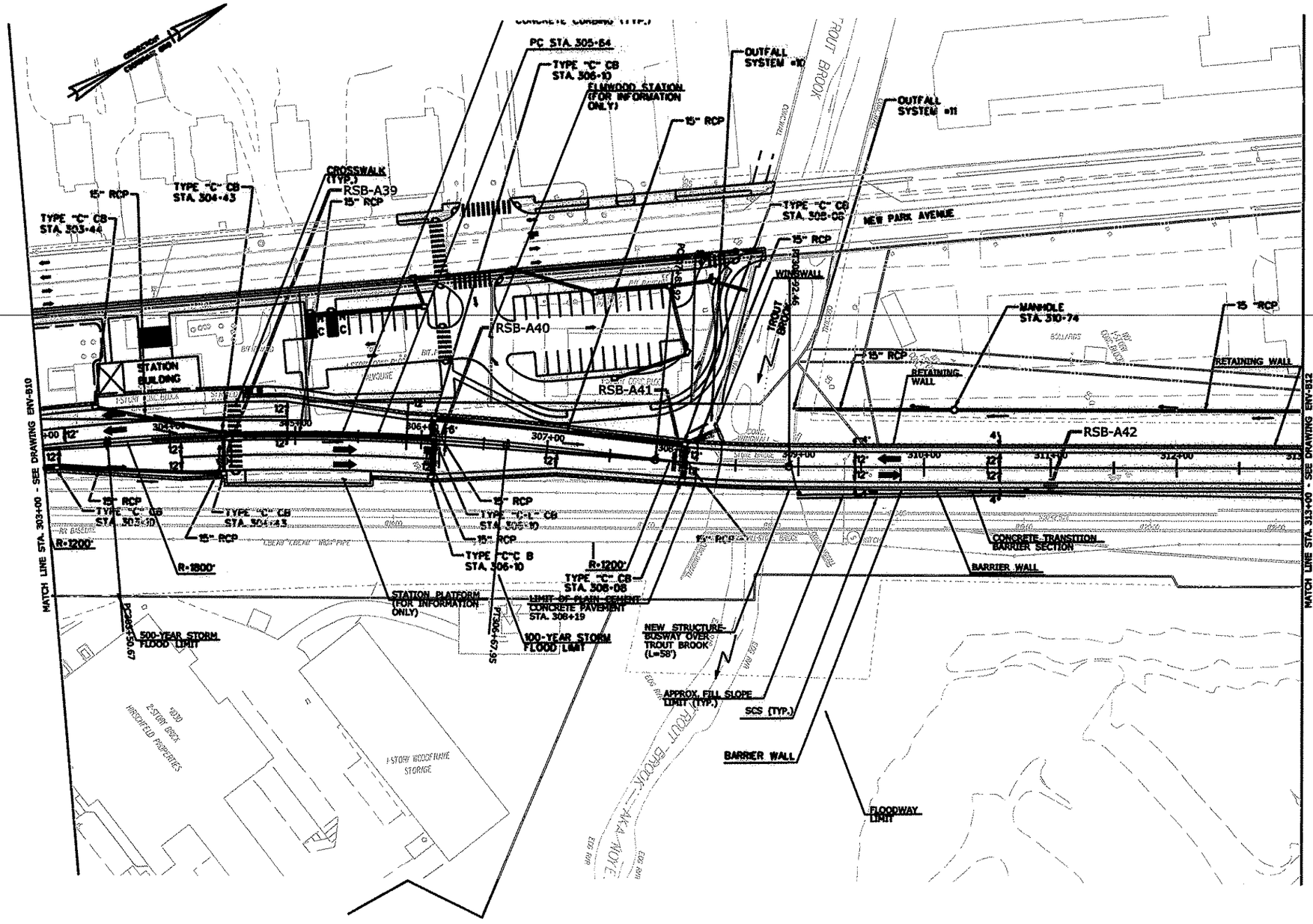

LEGEND

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SCALE IN FEET
0 40 80
SCALE 1"=40'

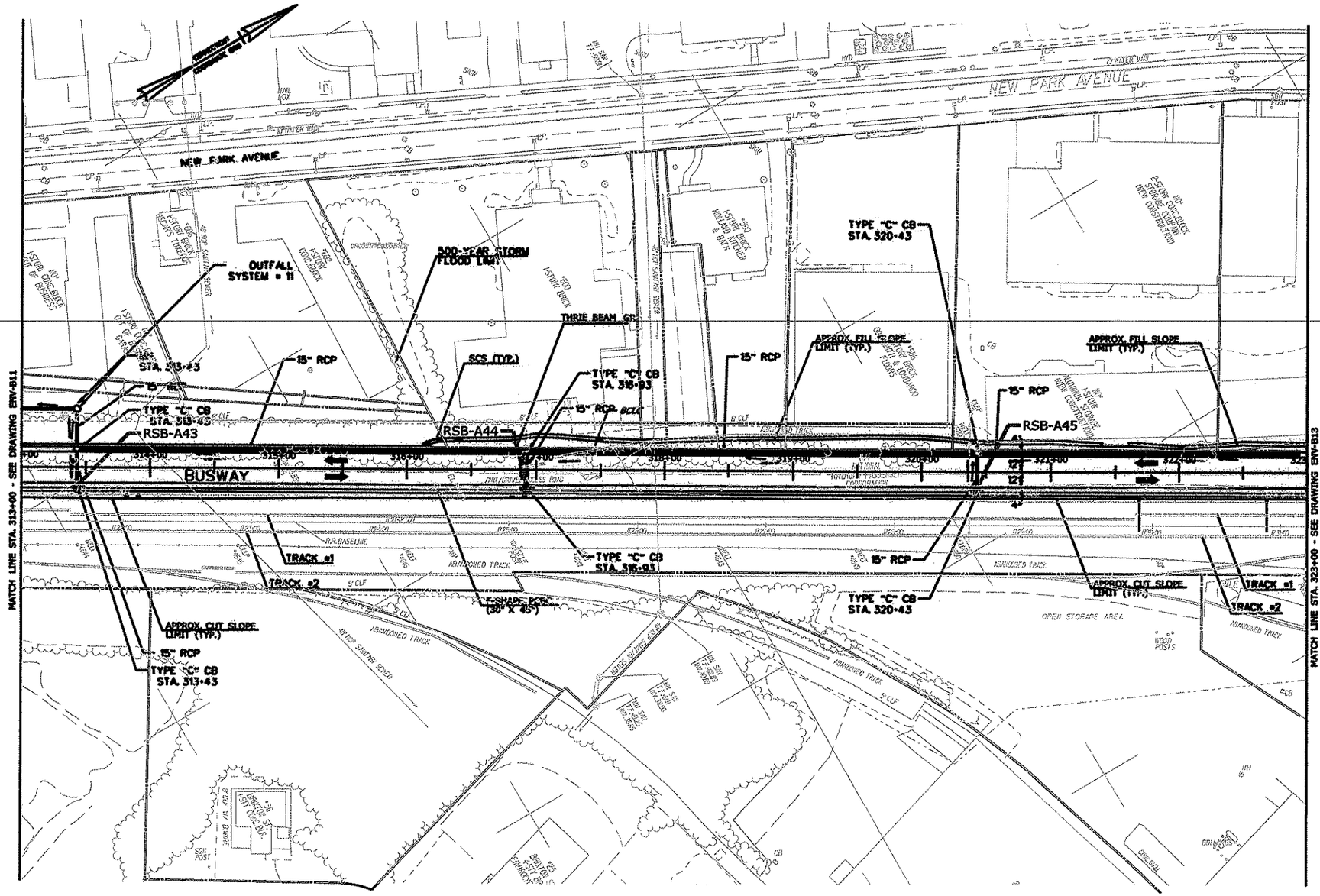
STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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

TETRA TECH RIZZO

PROJECT TITLE:
NEW BRITAIN - HARTFORD BUSWAY

TOWN: NEWINGTON-WEST HARTFORD
PROJECT NO. 93-H046
DRAWING NO. ENV-B11
DRAWING TITLE: SOIL BORING LOCATION PLAN
SHEET NO.



LEGEND

RSB-A1 ◆ SOIL BORING LOCATION

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SCALE IN FEET: 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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

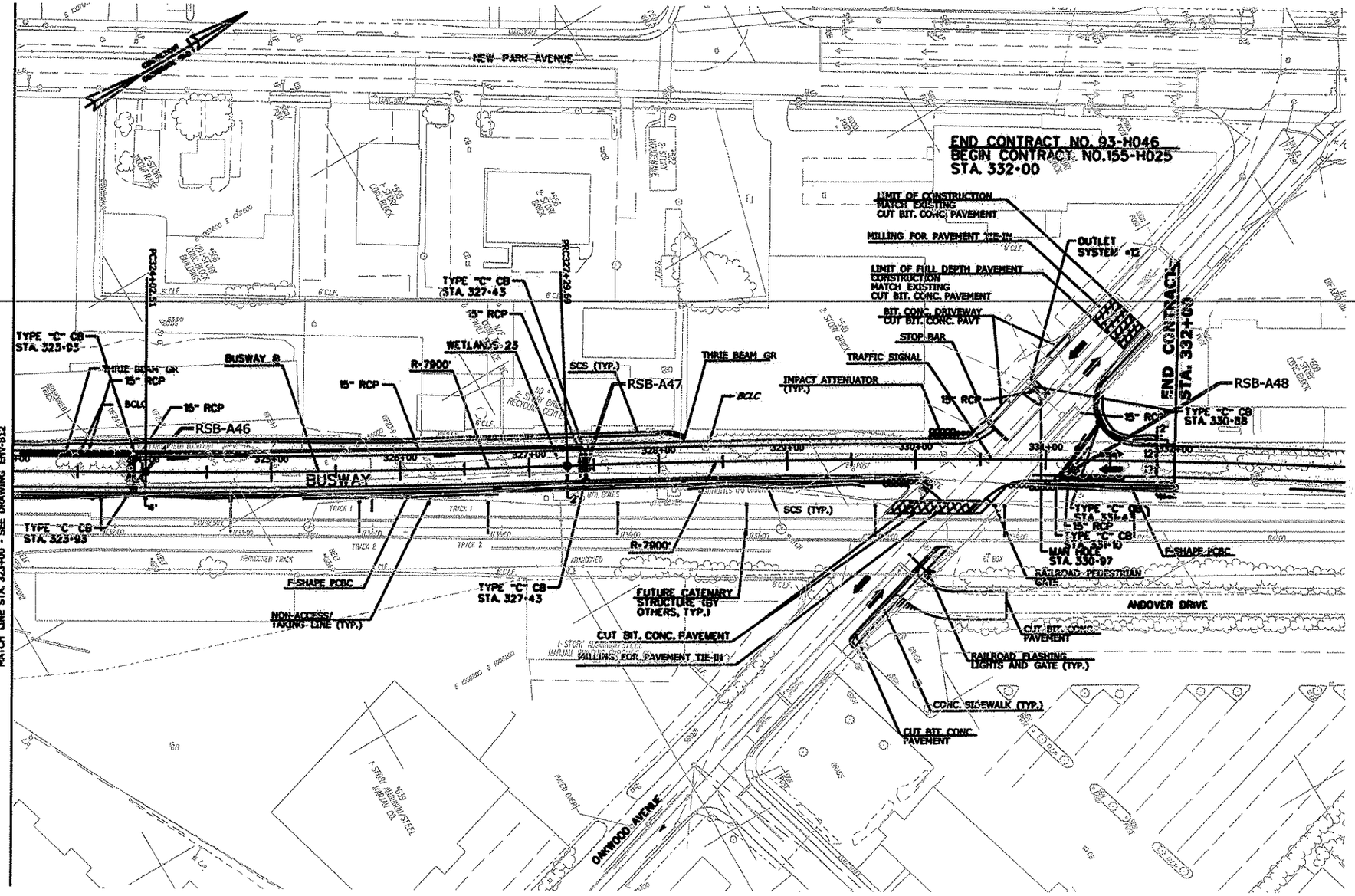
TETRA TECH RIZZO

PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: NEWINGTON - WEST HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO. 93-H046
DRAWING NO. ENV-B12
SHEET NO.



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PROJECT TITLE: NEW BRITAIN - HARTFORD BUSWAY

TOWN: NEWINGTON - WEST HARTFORD

DRAWING TITLE: SOIL BORING LOCATION PLAN

PROJECT NO. 93-H046
DRAWING NO. ENV-B13
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 the 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, ENGINEER 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 ENGINEER at the time of the site assessment. Although there may have been some degree of overlap in the information provided by these various sources, ENGINEER 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, ENGINEER 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, ENGINEER 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. ENGINEER 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, ENGINEER 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.

TETRA TECH RIZZO

WELL NUMBER RSB-A1
PAGE 1 OF 1

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/2/08 **COMPLETED** 2/24/09
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)	WELL DIAGRAM
0					6" Top soil; 6" Red, f-c SAND; 18" Red, f-m SAND; no staining, no odors, dry		
	(0-4)	63	SOIL SAMPLE: RSB-A1 (1-4') 8:30 SUBMITTED			0.0	
5					▽ 42" Red, f SAND and SILT; WET, no staining, no odors		
	(4-8)	88				0.0	
					8.0 Bottom of hole at 8.0 feet.		1" screened PVC pipe installed to 18' depth; Groundwater sample: RSB-A1 (GW) 14:00 SUBMITTED

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TETRA TECH RIZZO

BORING NUMBER RSB-A2

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/2/08 **COMPLETED** 12/2/08
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR New England Boring
GROUND WATER LEVELS:
DRILLING METHOD Direct Push (Geoprobe)
▽ **AT TIME OF DRILLING** 6.0 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					6" Top soil; 6" Red, c-m SAND and 0.5" round GRAVEL; 18" Red, f-c SAND little red SILT trace 0.5" subangular GRAVEL; no staining, no odor, dry	
2.5	(0-4)	63	SOIL SAMPLE: RSB-A2 (1-4') 8:45 SUBMITTED			0.0
5.0	(4-8)	88			24" Red, c-f SAND some SILT trace 0.5" subangular GRAVEL; 18" Red SILT, WET; no staining, no odor ▽	0.0
7.5				8.0	Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A3

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/2/08 **COMPLETED** 12/2/08
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					6" Top soil; 18" Red, f-c SAND trace GRAVEL and red sandstone; no staining, no odor, dry	
2.5	(0-4)	50	SOIL SAMPLE: RSB-A3 (4-8') 9:10 SUBMITTED			0.0
5.0					24" Red, f-c SAND and SILT some f GRAVEL; no staining, no odor, dry	
7.5	(4-8)	50				0.0
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A4

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/2/08 **COMPLETED** 12/2/08
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					6" Top soil; 6" Red, f-c SAND; 12" Red-brown CLAY; no staining, no odor, dry	
2.5	(0-4)	50	SOIL SAMPLE: RSB-A4 (1-4') 9:15 SUBMITTED			0.0
5.0					30" Red-brown CLAY some 1" layers of red sandstone @ 5' & 7'; no staining, no odor, dry	
7.5	(4-8)	63				0.0
					8.0 Bottom of hole at 8.0 feet.	

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TETRA TECH RIZZO

BORING NUMBER RSB-A5

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/2/08 **COMPLETED** 12/2/08
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					6" Top soil; 12" Red, wet, f-c SAND trace f GRAVEL; 12" Red, f-c SAND and SILT; no staining, no odor, dry	
2.5	(0-4)	63	SOIL SAMPLE: RSB-A5 (1-4') 9:30 SUBMITTED			0.1
5.0					30" Red, f SAND and red CLAY trace angular m GRAVEL; no staining, no odor, dry	
7.5	(4-8)	63				0.0
8.0					Bottom of hole at 8.0 feet.	

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TETRA TECH RIZZO

BORING NUMBER RSB-A6

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/2/08 **COMPLETED** 12/2/08
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					6" Top soil; 6" Brown, f-c SAND; no staining, no odor, dry	
2.5	(0-4)	25				0.0
5.0	(4-8)	75	SOIL SAMPLE: RSB-A6 (4-8') 10:45 SUBMITTED		36" Brown, CLAY trace f 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-A7

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/2/08 **COMPLETED** 12/2/08
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					6" Top soil; 18" Black-brown, stained, m-c SAND trace 1" coal GRAVEL; 12" c SAND trace brick; no sheen, no odor, dry	
2.5	(0-4)	75	SOIL SAMPLE: RSB-A7 (1-4') 11:05 SUBMITTED			0.1
5.0					24" Brown CLAY ; 6" Brown CLAY some f GRAVEL; no staining, no odor, dry	
7.5	(4-8)	63				0.0
					8.0 Bottom of hole at 8.0 feet.	

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TETRA TECH RIZZO

BORING NUMBER RSB-A8

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/2/08 **COMPLETED** 12/2/08
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					12" Brown, f-c SAND, black staining; 12" Brown, c SAND some m GRAVEL and red sandstone; no odor, dry	
2.5	(0-4)	50	SOIL SAMPLE: RSB-A8 (1-4') 11:25 SUBMITTED			0.3
5.0					6" Brown, c SAND some m GRAVEL; 24" Brown CLAY; no staining, no odor, dry	
7.5	(4-8)	63				0.0
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A9

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/2/08 **COMPLETED** 12/2/08
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					6" Top soil; 6" Red, f-c SAND; 6" Black, f-m GRAVEL and fill; 6" Red, c SAND; no odor, dry	
2.5	(0-4)	50	SOIL SAMPLE: RSB-A9 (1-4') 12:50 SUBMITTED			0.0
5.0					30" Brown CLAY trace red sandstone GRAVEL; no staining, no odor, dry	
7.5	(4-8)	63				0.0
8.0					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A10

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/2/08 **COMPLETED** 12/2/08
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					6" Top soil and angular c GRAVEL; 12" Red-gold, f-c SAND some black staining; 12" Red-brown, f-c SAND; no odor, dry	
2.5	(0-4)	63	SOIL SAMPLE: RSB-A10 (1-4') 13:05 SUBMITTED			0.0
5.0					12" Red-brown, f-c SAND some SILT trace GRAVEL; no staining, no odor, dry	
7.5	(4-8)	25				0.0
					8.0 Bottom of hole at 8.0 feet.	

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TETRA TECH RIZZO

BORING NUMBER RSB-A11

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/2/08 **COMPLETED** 12/2/08
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					6" Top soil and angular c GRAVEL; 12" Red, f-c SAND some SILT (fill); no staining, no odor, dry	
2.5	(0-4)	38	SOIL SAMPLE: RSB-A11 (1-4') 13:25 SUBMITTED			0.0
5.0					42" Brown CLAY; no staining, no odor, dry	
7.5	(4-8)	88				0.0
					8.0	
					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A12

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/2/08 **COMPLETED** 12/2/08
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					12" Yellow, m SAND, black staining and angular c GRAVEL; 18" Red, f-c SAND little SILT; no odor, dry	
2.5	(0-4)	63	SOIL SAMPLE: RSB-A12 (1-4') 13:50 SUBMITTED			0.0
5.0					42" Brown CLAY; no staining, no odor, dry	
7.5	(4-8)	88				0.0
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A13

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/2/08 **COMPLETED** 12/2/08
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					12" Black c SAND some angular c GRAVEL; 24" Red-brown, f-c SAND little SILT; no odor, dry	
2.5	(0-4)	75	SOIL SAMPLE: RSB-A13 (1-4') 14:40 SUBMITTED			0.0
5.0					42" Brown CLAY; no staining, no odor, dry	
7.5	(4-8)	88				0.0
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A14

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					12" Black, c SAND; 12" Brown, c SAND; no odor, dry	
2.5	(0-4)	88	SOIL SAMPLE: RSB-A14 (1-4') 8:00 SUBMITTED			0.0
					4.0	
5.0	(4-8)	88			12" Brown, c SAND; 36" Brown CLAY; no staining, no odor, dry	0.0
7.5					8.0	
					Bottom of hole at 8.0 feet.	

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TETRA TECH RIZZO

BORING NUMBER RSB-A15

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					12" Gray, f-c SAND and Gravel ; 24" Red, f-c SAND some SILT (fill); no staining, no odor, dry	
2.5	(0-4)	75	SOIL SAMPLE: RSB-A15 (1-4') 8:20 SUBMITTED			0.0
4.0					42" Red-brown CLAY; no staining, no odor, dry	
5.0						
7.5	(4-8)	88				0.0
8.0					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A16

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					6" Dark gray, f-c SAND and angular c GRAVEL; 12" Red-brown, CLAY and SILT (fill); no staining, no odor, dry	
2.5	(0-4)	75	SOIL SAMPLE: RSB-A16 (1-4') 8:45 SUBMITTED			0.0
5.0					4.0 42" Red-brown CLAY; no staining, no odor, dry	
7.5	(4-8)	88				0.0
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A17

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					6" Dark-gray f-c SAND and GRAVEL; 30" Red-brown SILT and CLAY; no staining, no odor, dry	
2.5	(0-4)	75	SOIL SAMPLE: RSB-A17 (1-4') 9:00 SUBMITTED			0.0
					4.0 48" Red-brown CLAY; no staining, no odor, dry	
5.0						
7.5	(4-8)	100				0.0
					8.0 Bottom of hole at 8.0 feet.	

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TETRA TECH RIZZO

BORING NUMBER RSB-A18

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					30" Brown, f-c SAND trace f-c GRAVEL; no staining, no odor	
2.5	(0-4)	63	SOIL SAMPLE: RSB-A18 (1-4') 9:10 SUBMITTED			0.0
					4.0	
5.0					42" Red-brown CLAY; no staining, no odor	
7.5	(4-8)	88				0.0
					8.0	
					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A19

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					30" Brown, f-c SAND trace GRAVEL; no staining, no odor, dry	
2.5	(0-4)	63	SOIL SAMPLE: RSB-A19 (1-4') 9:30 SUBMITTED			0.0
4.0					36" Red-brown CLAY; no staining, no odor, dry	
5.0	(4-8)	75				0.0
7.5						
8.0					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A20

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					18" Red-brown to dark brown, silty CLAY; no staining, no odor, dry	
2.5	(0-4)	38	SOIL SAMPLE: RSB-A20 (1-4') 9:45 SUBMITTED			0.0
					4.0	
5.0	(4-8)	75			36" Red-brown 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-A21

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					20" Dark-brown, f-c SAND and GRAVEL; 16" Brown CLAY; no staining, no odor, dry	
2.5	(0-4)	75	SOIL SAMPLE: RSB-A21 (1-4') 9:55 SUBMITTED			0.0
					4.0 48" Red-brown CLAY; no staining, no odor, dry	
5.0	(4-8)	100				0.0
7.5					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A22

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					18" Dark-brown, c SAND trace GRAVEL; 18" Red-brown, c SAND trace GRAVEL; no staining, no odor, dry	
2.5	(0-4)	75	SOIL SAMPLE: RSB-A22 (1-4') 10:20 SUBMITTED			0.0
					4.0	
5.0	(4-8)	100			48" Red-brown 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-A23

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					24" Black, f-c SAND and GRAVEL; no staining, no odor, dry	
2.5	(0-4)	50	SOIL SAMPLE: RSB-A23 (1-4') 11:15 SUBMITTED			0.0
					4.0	
5.0					24" Red-brown CLAY; no staining, no odor, dry	
7.5	(4-8)	50				0.0
					8.0	
					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A24

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					20" Black, f-c SAND and GRAVEL; 16" Red-brown clayey SAND; no staining, no odor, dry	
2.5	(0-4)	75	SOIL SAMPLE: RSB-A24 (1-4') 11:30 SUBMITTED			0.0
					4.0 48" Red-brown CLAY; no staining, no odor, dry	
5.0						
7.5	(4-8)	100				0.0
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A25

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					18" Dark-brown f-c SAND and GRAVEL; 18" Red-brown f-c SAND and GRAVEL; no staining, no odor, dry	
2.5	(0-4)	75	SOIL SAMPLE: RSB-A25 (1-4') 11:45 SUBMITTED			0.0
					4.0 48" Red-brown CLAY; no staining, no odor, dry	
5.0	(0-4)	100				0.0
7.5					8.0 Bottom of hole at 8.0 feet.	

GENERAL BH / TP - 127-17797-08009.GPJ GINT US.GDT 2/26/09

TETRA TECH RIZZO

BORING NUMBER RSB-A26

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					36" Dark-brown to black, f-c SAND trace GRAVEL; no odor, dry	
2.5	(0-4)	75	SOIL SAMPLE: RSB-A26 (1-4') 12:45 SUBMITTED			0.0
					4.0	
5.0					48" Red-brown SILT and CLAY; no staining, no odor, dry	
7.5	(4-8)	100				0.0
					8.0	
					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A27

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					18" Black, f-c SAND and GRAVEL; 18" Red-brown SILT and CLAY; no odor, dry	
2.5	(0-4)	75	SOIL SAMPLE: RSB-A27 (1-4') 13:00 SUBMITTED			0.0
					4.0 30" Brown, CLAY and SILT; no staining, no odor, dry	
5.0						
7.5	(4-8)	63				0.0
					8.0 Bottom of hole at 8.0 feet.	

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TETRA TECH RIZZO

BORING NUMBER RSB-A28

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					24" Red to dark brown, f-c SAND and GRAVEL; no staining, no odor, dry	
2.5	(0-4)	50	SOIL SAMPLE: RSB-A28 (1-4') 13:10 SUBMITTED			0.0
					4.0	
5.0					48" Red-brown CLAY and SILT; no staining, no odor, dry	
7.5	(4-8)	100				0.0
					8.0	
					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A29

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					36" Brown to dark-brown, f-c SAND and GRAVEL; no staining, no odor, dry	
2.5	(0-4)	75	SOIL SAMPLE: RSB-A29 (1-4') 13:25 SUBMITTED			0.0
					4.0	
5.0	(4-8)	100			48" Gray-brown 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-A30

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					18" Black, f-c SAND and GRAVEL; 18" Brown, f-c SAND trace GRAVEL; no odor, dry	
2.5	(0-4)	75	SOIL SAMPLE: RSB-A30 (1-4') 13:45 SUBMITTED			0.0
					4.0 48" Red-brown CLAY and SILT; no staining, no odor, dry	
5.0						
	(4-8)	100				0.0
7.5					8.0 Bottom of hole at 8.0 feet.	

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TETRA TECH RIZZO

BORING NUMBER RSB-A31

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/3/08 **COMPLETED** 12/3/08
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					30" Brown to black, f-c SAND and GRAVEL; no odor, dry	
2.5	(0-4)	63	SOIL SAMPLE: RSB-A31 (1-4') 14:00 SUBMITTED			0.0
					4.0	
5.0	(4-8)	100			48" Red-brown 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-A32

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/4/08 **COMPLETED** 12/4/08
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					6" Angular GRAVEL; 6" Brown, f-c SAND trace f GRAVEL; 12" Black, f-c SAND; no odor, dry	
2.5	(0-4)	50	SOIL SAMPLE: RSB-A32 (1-4') 8:45 SUBMITTED			0.0
4.0					48" Brown CLAY; no staining, no odor, dry	
5.0	(4-8)	100				0.0
7.5						
8.0					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A33

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/4/08 **COMPLETED** 12/4/08
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					6" Angular GRAVEL; 18" Brown-black, f-c SAND trace f GRAVEL; no odor, dry	
2.5	(0-4)	50	SOIL SAMPLE: RSB-A33 (1-4') 9:10 SUBMITTED			0.1
					4.0 ▽ 48" Brown CLAY; WET, no staining, no odor	
5.0						
7.5	(4-8)	88				0.0
					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A34

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/4/08 **COMPLETED** 12/4/08
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					6" Angular GRAVEL; 18" Black, f-c SAND and GRAVEL; 6" Red, f-m SAND; no odor, dry	
2.5	(0-4)	63	SOIL SAMPLE: RSB-A34 (1-4') 9:30 SUBMITTED			0.0
					4.0	
5.0					12" Red, f-m SAND and CLAY; 36" Brown CLAY; no staining, no odor, dry	
7.5	(4-8)	100				0.0
					8.0	
					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A35

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/4/08 **COMPLETED** 12/4/08
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					12" Angular GRAVEL and black, coarse SAND; 12" Red, f-c SAND; no odor, dry	
2.5	(0-4)	50	SOIL SAMPLE: RSB-A35 (1-4') 9:50 SUBMITTED			0.2
					4.0 36" Brown CLAY; no staining, no odor, dry	
5.0	(4-8)	75				0.0
7.5					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A36

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/4/08 **COMPLETED** 12/4/08
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					6" Angular GRAVEL; 15" Yellow, f-m SAND with black staining; 6" Red, f-c SAND little SILT; no odor, dry	
2.5	(0-4)	56	SOIL SAMPLE: RSB-A36 (1-4') 10:05 SUBMITTED			0.0
					4.0 12" Red, f-c SAND and SILT; 24" Brown, silty CLAY; no staining, no odor, dry	
5.0	(4-8)	75				0.0
7.5					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A37

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/4/08 **COMPLETED** 12/4/08
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					6" Angular GRAVEL; 12" Yellow, f-c SAND trace f coal GRAVEL, staining; no odor, dry	
2.5	(0-4)	38	SOIL SAMPLE: RSB-A37 (2-6') 10:25 SUBMITTED			0.0
					4.0	
5.0	(4-8)	75			18" Red, f-c SAND, some black staining; 18" Brown CLAY trace brick; no odor, dry	0.1
7.5					8.0	
					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A38

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/4/08 **COMPLETED** 12/4/08
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					9" Angular GRAVEL; 3" Red, f-c SAND with staining; 6" Red, f-c SAND; 9" Yellow, f-m SAND little red SILT, some staining; no odor, dry	
2.5	(0-4)	56	SOIL SAMPLE: RSB-A38 (1-4') 10:45 SUBMITTED			0.1
					4.0 6" Gray CLAY and SILT; 42" Gray CLAY; no staining, no odor, dry	
5.0						
	(4-8)	100				0.0
7.5					8.0 Bottom of hole at 8.0 feet.	

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TETRA TECH RIZZO

BORING NUMBER RSB-A39

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/4/08 **COMPLETED** 12/4/08
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					6" Angular GRAVEL; 12" Stained, yellow, f-m SAND; 12" Stained, red, f-c SAND; no odor	
2.5	(0-4)	63				0.0
4.0					6" Red, f-c SAND; 6" Gray CLAY; 6" Stained, red SAND and CLAY; 6" Gray CLAY; no odor, dry	
5.0	(4-8)	50	SOIL SAMPLE: RSB-A39 (4-8') 11:10 SUBMITTED			0.0
7.5						
8.0					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A40

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/4/08 **COMPLETED** 12/4/08
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					6" Angular GRAVEL; 9" Stained, yellow, f-m SAND; 15" Red, f-c SAND; no odor, dry	
2.5	(0-4)	50	SOIL SAMPLE: RSB-A40 (1-6') 12:00 SUBMITTED			0.0
4.0					9" Red, f-c SAND; 3" Stained, black, f-c SAND and GRAVEL, light petro odor; 3" Red SAND and SILT; 12" Brown CLAY and SILT; dry	
5.0	(4-8)	56				0.0
7.5						
8.0					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A41

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/4/08 **COMPLETED** 12/4/08
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					12" Red, f-c SAND and GRAVEL; no staining, no odor, dry	
2.5	(0-4)	25	SOIL SAMPLE: RSB-A41 (4-8') 12:40 SUBMITTED			0.0
4.0					24" Brown, f-c SAND and GRAVEL; black staining, no odor, dry	
5.0	(4-8)	50				0.3
7.5						
8.0					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A42

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/4/08 **COMPLETED** 12/4/08
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					3" Top soil; 6" Yellow, f-c SAND; 9" Stained, black, f-m SAND and GRAVEL; 6" Red, f-c SAND; 6" Yellow, f-m SAND; no odor, dry	
2.5	(0-4)	63	SOIL SAMPLE: RSB-A42 (1-4') 13:25 SUBMITTED			0.2
4.0					42" Yellow, f-m SAND; no staining, no odor, dry	
5.0						
7.5	(4-8)	88				0.0
8.0					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A43

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/4/08 **COMPLETED** 12/4/08
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					6" Top soil; 12" Brown to black, f-c SAND and GRAVEL; no odor, dry	
2.5	(0-4)	38				0.0
5.0	(4-8)	63	SOIL SAMPLE: RSB-A43 (4-8') 13:45 SUBMITTED		4.0 12" Red, f-c SAND; 6" Brown CLAY and SILT; 6" Black, f-c SAND and brick with fill; 6" Red-brown, SILT and CLAY; no odor, dry	0.0
7.5					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A44

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/4/08 **COMPLETED** 12/4/08
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					6" Top Soil and GRAVEL; 15" Stained, black, f-c SAND; 15" Red, f-c SAND, some staining; no odor, dry	
2.5	(0-4)	75	SOIL SAMPLE: RSB-A44 (1-4') 14:10 SUBMITTED			0.3
					4.0 ▽	
5.0					24" Brown CLAY and SAND some SILT, wet above clay; 24" Brown-gray CLAY; no staining, no odor	
7.5	(4-8)	88				0.0
					8.0	
					Bottom of hole at 8.0 feet.	

GENERAL BH / TT ... 127-17797-08009.GPJ GINT US.GDT 2/26/09

TETRA TECH RIZZO

BORING NUMBER RSB-A45

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/4/08 **COMPLETED** 12/4/08
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					6" Black, f-c SAND and GRAVEL; 6" Red, f-c SAND and GRAVEL; 12" Black-brown, CLAY and f-c SAND some GRAVEL, petroleum odor, WET	
2.5	(0-4)	50	SOIL SAMPLE: RSB-A45 (2-5') 14:35 SUBMITTED			0.3
					4.0 12" Stained, black, f-c SAND, petroleum odor; 6" Red CLAY and SILT; 27" Gray CLAY; dry	
5.0						
7.5	(4-8)	94				0.3
					8.0 Bottom of hole at 8.0 feet.	

GENERAL BH / 1 LL 127-17797-08009.GPJ GINT US.GDT 2/26/09

TETRA TECH RIZZO

BORING NUMBER RSB-A46

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 12/4/08 **COMPLETED** 12/4/08
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					6" GRAVEL and top soil; 6" Yellow, f-c SAND; 6" Black, f-c SAND; 6" Red, f-c SAND; 3" Brown CLAY; no odor, dry	
2.5	(0-4)	56	SOIL SAMPLE: RSB-A46 (1-4') 15:00 SUBMITTED			0.2
4.0					24" Black, f-c SAND, WET; 24" Brown-grey CLAY; no odor, dry	
5.0	(4-8)	100				0.0
7.5						
8.0					Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A47

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West 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					36" Dark brown, f-c SAND and GRAVEL; no staining, no odor, dry	
2.5	(0-4)	75	SOIL SAMPLE: RSB-A47 (1-4') 8:15 SUBMITTED			0.0
					4.0	
5.0	(4-8)	75			6" Dark brown, f-c SAND and GRAVEL; 30" Brown CLAY little 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-A48

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West 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					6" Top soil; 24" Black, f-c SAND and GRAVEL; no odor, dry	
2.5	(0-4)	63	SOIL SAMPLE: RSB-A48 (1-4') 8:45 SUBMITTED			0.0
					4.0 6" Black, f-c SAND and GRAVEL; 42" Gray-brown CLAY and SILT; no odor, dry	
5.0						
	(4-8)	100				0.0
7.5					8.0 Bottom of hole at 8.0 feet.	

TETRA TECH RIZZO

BORING NUMBER RSB-A50

CLIENT Connecticut Department of Transportation
PROJECT NAME Busway New Britain/Hartford
PROJECT NUMBER 127-17797-08009
PROJECT LOCATION Newington and West Hartford, Connecticut
DATE STARTED 1/23/09 **COMPLETED** 1/23/09
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					3" Top soil; 12" Black, f-c SAND and angular, f-c GRAVEL; 6" Brown, f-c SAND; 6" Brown CLAY; no staining, no odor, dry	
2.5	(0-4)	56	SOIL SAMPLE: RSB-A50 (1-4') 13:13 SUBMITTED			0.0
5.0					48" Brown CLAY; no staining, no odor, dry	
7.5	(4-8)	100				0.0
					8.0 Bottom of hole at 8.0 feet.	

GENERAL BH / TT _L 127-17797-08009.GPJ GINT US.GDT 2/26/09

Report Date:
29-Dec-08 12:45

☑ 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 - Newington, CT
Project 127-17797-08009

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA88258-01	RSB-A1 (1-4)	Soil	02-Dec-08 08:25	03-Dec-08 13:25
SA88258-02	RSB-A2 (1-4)	Soil	02-Dec-08 08:45	03-Dec-08 13:25
SA88258-03	RSB-A3 (4-8)	Soil	02-Dec-08 09:10	03-Dec-08 13:25
SA88258-04	RSB-A4 (1-4)	Soil	02-Dec-08 09:15	03-Dec-08 13:25
SA88258-05	RSB-A5 (1-4)	Soil	02-Dec-08 09:45	03-Dec-08 13:25
SA88258-06	RSB-A6 (4-8)	Soil	02-Dec-08 10:15	03-Dec-08 13:25
SA88258-07	RSB-A7 (1-4)	Soil	02-Dec-08 10:45	03-Dec-08 13:25
SA88258-08	RSB-A8 (1-4)	Soil	02-Dec-08 11:15	03-Dec-08 13:25
SA88258-09	RSB-A9 (1-4)	Soil	02-Dec-08 11:45	03-Dec-08 13:25
SA88258-10	RSB-A10 (1-4)	Soil	02-Dec-08 12:45	03-Dec-08 13:25
SA88258-11	RSB-A11 (1-4)	Soil	02-Dec-08 13:15	03-Dec-08 13:25
SA88258-12	RSB-A12 (1-4)	Soil	02-Dec-08 13:45	03-Dec-08 13:25
SA88258-13	RSB-A13 (1-4)	Soil	02-Dec-08 14:15	03-Dec-08 13:25

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 96 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 7.5 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.

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 1312/6010B

Duplicates:

8121759-DUP1 *Source: SA88769-02*

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

Barium

SW846 8151A

Laboratory Control Samples:

8120851-BSD2

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.

MCPB
MCPP

SW846 8151A

Samples:

S815007-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]

S815007-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]

S815007-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:

8120373-BS1

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

Chloromethane

8120373-BSD1

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

Chloromethane

8120505-BS1

Analyte out of acceptance range.

Chloromethane
Tetrahydrofuran

8120505-BSD1

RPD out of acceptance range.

Tetrahydrofuran

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.

Styrene
Tert-Butanol / butyl alcohol

Samples:

SA88258-04 *RSB-A4 (1-4)*

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

2-Butanone (MEK)

SW846 8270C

Laboratory Control Samples:

8120750-BS1

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

Aniline

Spikes:

8120750-MS1 *Source: SA88258-05*

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

2,4,6-Tribromophenol

8120750-MSD1 *Source: SA88258-05*

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

2,4,6-Tribromophenol

Samples:

SA88258-05 *RSB-A5 (1-4)*

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

2,4,6-Tribromophenol

VOC Soil Extraction

Samples:

SA88258-03 *RSB-A3 (4-8)*

Lab extracted

VOC Extraction

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A1 (1-4) SA88258-01	127-17797-08009	Soil	02-Dec-08 08:25	03-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	03-Dec-08	03-Dec-08	8120335	
Volatile Organic Compounds						Initial weight: 5.58 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	04-Dec-08	04-Dec-08	8120373	X
67-64-1	Acetone	BRL		µg/kg dry	61.3	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	12.3	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	61.3	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	30.7	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	12.3	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.1	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.3	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	12.3	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	12.3	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	61.3	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	61.3	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	61.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.1	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A1 (1-4) SA88258-01	127-17797-08009	Soil	02-Dec-08 08:25	03-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: 5.58 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.1	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	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	12.3	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	61.3	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	61.3	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	123	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	30.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2450	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*	*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	381	1	SW846 8270C	09-Dec-08	09-Dec-08	8120750	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-A1 (1-4) SA88258-01	127-17797-08009	Soil	02-Dec-08 08:25	03-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	381	1	SW846 8270C	09-Dec-08	09-Dec-08	8120750	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A1 (1-4)	127-17797-08009	Soil	02-Dec-08 08:25	03-Dec-08
SA88258-01				

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	381	1	SW846 8270C	09-Dec-08	09-Dec-08	8120750	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*	*65*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*69*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*68*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*58*		*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	22.3	1	SW846 8082	04-Dec-08	05-Dec-08	8120364	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.3	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.3	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.3	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.3	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*82*		*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	10-Dec-08	12-Dec-08	8120851	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)*	*85*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A1 (1-4) SA88258-01	127-17797-08009	Soil	02-Dec-08 08:25	03-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.3	1	+CT ETPH	09-Dec-08	10-Dec-08	8120751	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.3	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.3	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.3	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	1.55	1	SW846 6010B	10-Dec-08	11-Dec-08	8120547	X
7440-38-2	Arsenic	2.08		mg/kg dry	1.55	1	"	"	"	"	X
7440-39-3	Barium	72.3		mg/kg dry	1.03	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.517	1	"	"	"	"	X
7440-47-3	Chromium	17.5		mg/kg dry	1.03	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0323	1	SW846 7471A	"	11-Dec-08	8120549	X
7439-92-1	Lead	10.8		mg/kg dry	1.55	1	SW846 6010B	"	11-Dec-08	8120547	X
7782-49-2	Selenium	2.58		mg/kg dry	1.55	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	85.2		%		1	SM2540 G Mod.	05-Dec-08	05-Dec-08	8120540	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A2 (1-4)	127-17797-08009	Soil	02-Dec-08 08:45	03-Dec-08
SA88258-02				

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	03-Dec-08	03-Dec-08	8120335	
Volatile Organic Compounds						Initial weight: 4.84 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.6	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	X
67-64-1	Acetone	BRL		µg/kg dry	66.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.6	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.6	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	13.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	66.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	33.1	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	13.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.6	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	66.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	66.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	66.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A2 (1-4) SA88258-02	127-17797-08009	Soil	02-Dec-08 08:45	03-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: 4.84 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.6	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	X
100-42-5	Styrene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.6	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.6	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	66.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	66.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	132	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	33.1	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2650	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*	*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	373	1	SW846 8270C	09-Dec-08	09-Dec-08	8120750	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-A2 (1-4)	127-17797-08009	Soil	02-Dec-08 08:45	03-Dec-08
SA88258-02				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	373	1	SW846 8270C	09-Dec-08	09-Dec-08	8120750	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-A2 (1-4)	127-17797-08009	Soil	02-Dec-08 08:45	03-Dec-08
SA88258-02				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	373	1	SW846 8270C	09-Dec-08	09-Dec-08	8120750	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*	*63*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*63*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*56*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*68*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*70*		*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	21.8	1	SW846 8082	04-Dec-08	05-Dec-08	8120364	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)*	*82*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (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	10-Dec-08	12-Dec-08	8120851	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)*	*118*		*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-A2 (1-4)	127-17797-08009	Soil	02-Dec-08 08:45	03-Dec-08
SA88258-02				

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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.0	1	+CT ETPH	09-Dec-08	10-Dec-08	8120751	
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*	*88*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.61	1	SW846 6010B	10-Dec-08	11-Dec-08	8120547	X
7440-38-2	Arsenic	2.09		mg/kg dry	1.61	1	"	"	"	"	X
7440-39-3	Barium	88.1		mg/kg dry	1.07	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.537	1	"	"	"	"	X
7440-47-3	Chromium	21.1		mg/kg dry	1.07	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0316	1	SW846 7471A	"	11-Dec-08	8120549	X
7439-92-1	Lead	16.7		mg/kg dry	1.61	1	SW846 6010B	"	11-Dec-08	8120547	X
7782-49-2	Selenium	3.46		mg/kg dry	1.61	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	87.5		%		1	SM2540 G Mod.	05-Dec-08	05-Dec-08	8120540	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A3 (4-8) SA88258-03	127-17797-08009	Soil	02-Dec-08 09:10	03-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC Soil Extraction	03-Dec-08	03-Dec-08	8120335	
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	5.4	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	X
67-64-1	Acetone	BRL		µg/kg dry	54.0	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	10.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	54.0	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	27.0	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	10.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.8	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	10.8	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	10.8	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	54.0	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	54.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	54.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.4	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A3 (4-8)	127-17797-08009	Soil	02-Dec-08 09:10	03-Dec-08
SA88258-03				

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: 6.09 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.4	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	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	10.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	54.0	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	54.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	108	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	27.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2160	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*95*		*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	374	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	374	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	374	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	374	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	374	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	374	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	374	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	374	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	374	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	374	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	374	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	374	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	374	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	374	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A3 (4-8) SA88258-03	127-17797-08009	Soil	02-Dec-08 09:10	03-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	374	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	374	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	374	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	374	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	374	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	374	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	374	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	374	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	374	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	374	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	374	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	374	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	374	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	374	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	374	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	374	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	374	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	374	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	374	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	374	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	374	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	374	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	374	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	374	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	374	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	374	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	374	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	374	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	374	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	374	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	374	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1500	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1500	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	374	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	374	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A3 (4-8)	127-17797-08009	Soil	02-Dec-08 09:10	03-Dec-08
SA88258-03				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	374	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	374	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	374	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	374	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	374	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*71*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*73*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*64*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*74*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*77*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*60*		*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	04-Dec-08	05-Dec-08	8120364	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)*	*83*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (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	10-Dec-08	12-Dec-08	8120851	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											

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-A3 (4-8) SA88258-03	127-17797-08009	Soil	02-Dec-08 09:10	03-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.1	1	+CT ETPH	09-Dec-08	10-Dec-08	8120751	
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*	*86*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.69	1	SW846 6010B	10-Dec-08	11-Dec-08	8120547	X
7440-38-2	Arsenic	2.79		mg/kg dry	1.69	1	"	"	"	"	X
7440-39-3	Barium	105		mg/kg dry	1.12	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.562	1	"	"	"	"	X
7440-47-3	Chromium	24.8		mg/kg dry	1.12	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0317	1	SW846 7471A	"	11-Dec-08	8120549	X
7439-92-1	Lead	10.6		mg/kg dry	1.69	1	SW846 6010B	"	11-Dec-08	8120547	X
7782-49-2	Selenium	3.23		mg/kg dry	1.69	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	87.5		%		1	SM2540 G Mod.	05-Dec-08	05-Dec-08	8120540	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A4 (1-4)	127-17797-08009	Soil	02-Dec-08 09:15	03-Dec-08
SA88258-04				

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	03-Dec-08	03-Dec-08	8120335	
Volatile Organic Compounds						Initial weight: 5.27 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	04-Dec-08	04-Dec-08	8120373	X
67-64-1	Acetone	BRL		µg/kg dry	63.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.4	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	141	VOC6	µg/kg dry	63.8	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	31.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.8	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.8	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.8	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	63.8	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	63.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	63.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.4	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A4 (1-4) SA88258-04	127-17797-08009	Soil	02-Dec-08 09:15	03-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: 5.27 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.4	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	X
100-42-5	Styrene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.4	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.4	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	63.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	63.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	128	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	31.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2550	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*89*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	379	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	379	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	379	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	379	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	379	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	379	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	379	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	379	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	379	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	379	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	379	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	379	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	379	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	379	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A4 (1-4)	127-17797-08009	Soil	02-Dec-08 09:15	03-Dec-08
SA88258-04				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	379	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	379	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	379	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	379	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	379	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	379	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	379	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	379	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	379	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	379	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	379	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	379	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	379	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	379	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	379	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	379	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	379	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	379	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	379	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	379	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	379	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	379	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	379	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	379	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	379	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	379	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	379	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	379	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	379	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	379	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	379	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	379	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	379	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	379	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	379	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	379	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	379	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	379	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	379	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	379	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	379	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	379	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	379	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	379	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1520	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	379	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	379	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1520	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	379	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	379	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A4 (1-4) SA88258-04	127-17797-08009	Soil	02-Dec-08 09:15	03-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	379	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	379	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	379	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	379	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	379	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	379	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	379	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	379	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	379	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	379	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	379	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*78*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*82*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*72*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*84*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*70*		*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	22.5	1	SW846 8082	04-Dec-08	05-Dec-08	8120364	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)*	*65*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*53*		*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	10-Dec-08	12-Dec-08	8120851	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											

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-A4 (1-4)	127-17797-08009	Soil	02-Dec-08 09:15	03-Dec-08
SA88258-04				

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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.3	1	+CT ETPH	09-Dec-08	10-Dec-08	8120751	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.3	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.3	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.3	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	1.49	1	SW846 6010B	10-Dec-08	11-Dec-08	8120547	X
7440-38-2	Arsenic	2.45		mg/kg dry	1.49	1	"	"	"	"	X
7440-39-3	Barium	149		mg/kg dry	0.995	1	"	"	"	"	X
7440-43-9	Cadmium	0.512		mg/kg dry	0.497	1	"	"	"	"	X
7440-47-3	Chromium	23.3		mg/kg dry	0.995	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0327	1	SW846 7471A	"	11-Dec-08	8120549	X
7439-92-1	Lead	11.1		mg/kg dry	1.49	1	SW846 6010B	"	11-Dec-08	8120547	X
7782-49-2	Selenium	3.47		mg/kg dry	1.49	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	85.7		%		1	SM2540 G Mod.	05-Dec-08	05-Dec-08	8120540	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A5 (1-4) SA88258-05	127-17797-08009	Soil	02-Dec-08 09:45	03-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	03-Dec-08	03-Dec-08	8120335	
Volatile Organic Compounds						Initial weight: 5.55 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	04-Dec-08	04-Dec-08	8120373	X
67-64-1	Acetone	BRL		µg/kg dry	56.7	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	56.7	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	56.7	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	56.7	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	56.7	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.7	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A5 (1-4)	127-17797-08009	Soil	02-Dec-08 09:45	03-Dec-08
SA88258-05				

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	5.7	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	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	56.7	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	56.7	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	2270	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*	*116*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	362	1	SW846 8270C	09-Dec-08	09-Dec-08	8120750	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-A5 (1-4) SA88258-05	127-17797-08009	Soil	02-Dec-08 09:45	03-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	362	1	SW846 8270C	09-Dec-08	09-Dec-08	8120750	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-A5 (1-4)	127-17797-08009	Soil	02-Dec-08 09:45	03-Dec-08
SA88258-05				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	362	1	SW846 8270C	09-Dec-08	09-Dec-08	8120750	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*	*75*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*79*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*69*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*76*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*62*		*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 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.7	1	SW846 8082	04-Dec-08	05-Dec-08	8120364	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)*	*63*		*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	10-Dec-08	12-Dec-08	8120851	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											

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-A5 (1-4) SA88258-05	127-17797-08009	Soil	02-Dec-08 09:45	03-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.6	1	+CT ETPH	09-Dec-08	10-Dec-08	8120751	
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*	*99*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.51	1	SW846 6010B	10-Dec-08	11-Dec-08	8120547	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.51	1	"	"	"	"	X
7440-39-3	Barium	52.7		mg/kg dry	1.00	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.502	1	"	"	"	"	X
7440-47-3	Chromium	14.8		mg/kg dry	1.00	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0326	1	SW846 7471A	"	11-Dec-08	8120549	X
7439-92-1	Lead	8.38		mg/kg dry	1.51	1	SW846 6010B	"	11-Dec-08	8120547	X
7782-49-2	Selenium	2.45		mg/kg dry	1.51	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	89.1		%		1	SM2540 G Mod.	05-Dec-08	05-Dec-08	8120540	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A6 (4-8) SA88258-06	127-17797-08009	Soil	02-Dec-08 10:15	03-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	03-Dec-08	03-Dec-08	8120335	
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	8.0	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	X
67-64-1	Acetone	BRL		µg/kg dry	79.7	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	8.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	15.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	79.7	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	39.8	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	15.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	8.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	15.9	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.9	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.0	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.9	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	79.7	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	79.7	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	79.7	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	8.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A6 (4-8) SA88258-06	127-17797-08009	Soil	02-Dec-08 10:15	03-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds						Initial weight: 5.43 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.0	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	X
100-42-5	Styrene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	15.9	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	79.7	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	8.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	79.7	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	159	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	39.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3190	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*	*124*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*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	442	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	442	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	442	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	442	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	442	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	442	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	442	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	442	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	442	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	442	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	442	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	442	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	442	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	442	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A6 (4-8)	127-17797-08009	Soil	02-Dec-08 10:15	03-Dec-08
SA88258-06				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	442	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	442	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	442	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	442	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	442	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	442	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	442	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	442	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	442	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	442	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	442	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	442	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	442	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	442	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	442	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	442	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	442	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	442	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	442	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	442	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	442	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	442	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	442	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	442	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	442	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	442	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	442	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	442	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	442	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	442	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	442	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	442	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	442	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	442	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	442	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	442	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	442	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	442	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	442	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	442	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	442	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	442	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	442	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	442	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1770	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	442	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	442	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1770	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	442	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	442	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A6 (4-8)	127-17797-08009	Soil	02-Dec-08 10:15	03-Dec-08
SA88258-06				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	442	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	442	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	442	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	442	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	442	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	442	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	442	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	442	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	442	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	442	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	442	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*73*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*77*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*66*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*76*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*65*		*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	BRL		µg/kg dry	25.3	1	SW846 8082	04-Dec-08	05-Dec-08	8120364	X
11104-28-2	PCB 1221	BRL		µg/kg dry	25.3	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	25.3	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	25.3	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	25.3	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	25.3	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	25.3	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	25.3	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	25.3	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*67*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*52*		*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	10-Dec-08	12-Dec-08	8120851	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)*	*89*		*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-A6 (4-8)	127-17797-08009	Soil	02-Dec-08 10:15	03-Dec-08
SA88258-06				

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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	17.8	1	+CT ETPH	09-Dec-08	10-Dec-08	8120751	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.8	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.8	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.8	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	17.8	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	17.8	1	"	"	"	"	
	Unidentified	25.3		mg/kg dry	17.8	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	17.8	1	"	"	"	"	
	Total Petroleum Hydrocarbons	25.3		mg/kg dry	17.8	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	25.3		mg/kg dry	17.8	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*91*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.94	1	SW846 6010B	10-Dec-08	11-Dec-08	8120547	X
7440-38-2	Arsenic	2.38		mg/kg dry	1.94	1	"	"	"	"	X
7440-39-3	Barium	249		mg/kg dry	1.30	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.648	1	"	"	"	"	X
7440-47-3	Chromium	28.0		mg/kg dry	1.30	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0375	1	SW846 7471A	"	11-Dec-08	8120549	X
7439-92-1	Lead	8.99		mg/kg dry	1.94	1	SW846 6010B	"	11-Dec-08	8120547	X
7782-49-2	Selenium	5.60		mg/kg dry	1.94	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-Dec-08	22-Dec-08	8121708	
7440-39-3	Barium	0.105		mg/l	0.0350	1	SW846 1312/6010B	23-Dec-08	23-Dec-08	8121759	
7440-47-3	Chromium	0.0062		mg/l	0.0050	1	"	"	"	"	
7439-92-1	Lead	0.0278		mg/l	0.0075	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	74.1		%		1	SM2540 G Mod.	05-Dec-08	05-Dec-08	8120540	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A7 (1-4) SA88258-07	127-17797-08009	Soil	02-Dec-08 10:45	03-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	03-Dec-08	03-Dec-08	8120335	
Volatile Organic Compounds						Initial weight: 4.94 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.5	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	X
67-64-1	Acetone	BRL		µg/kg dry	64.5	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	12.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	64.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.5	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	32.3	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	12.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.9	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	12.9	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	12.9	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	64.5	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	64.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	64.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A7 (1-4)	127-17797-08009	Soil	02-Dec-08 10:45	03-Dec-08
SA88258-07				

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: 4.94 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.5	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	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	12.9	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	64.5	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	64.5	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	129	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	32.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2580	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*93*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	375	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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-A7 (1-4)	127-17797-08009	Soil	02-Dec-08 10:45	03-Dec-08
SA88258-07				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	375	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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	BRL		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-A7 (1-4)	127-17797-08009	Soil	02-Dec-08 10:45	03-Dec-08
SA88258-07				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	375	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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	BRL		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*	*60*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*59*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*53*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*60*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*54*		*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	22.3	1	SW846 8082	04-Dec-08	05-Dec-08	8120364	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.3	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.3	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.3	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.3	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*68*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*		*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	10-Dec-08	12-Dec-08	8120851	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											

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-A7 (1-4) SA88258-07	127-17797-08009	Soil	02-Dec-08 10:45	03-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.1	1	+CT ETPH	09-Dec-08	10-Dec-08	8120751	
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*	77		50-150 %			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.63	1	SW846 6010B	10-Dec-08	11-Dec-08	8120547	X
7440-38-2	Arsenic	2.33		mg/kg dry	1.63	1	"	"	"	"	X
7440-39-3	Barium	27.3		mg/kg dry	1.08	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.542	1	"	"	"	"	X
7440-47-3	Chromium	6.23		mg/kg dry	1.08	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0325	1	SW846 7471A	"	11-Dec-08	8120549	X
7439-92-1	Lead	12.0		mg/kg dry	1.63	1	SW846 6010B	"	11-Dec-08	8120547	X
7782-49-2	Selenium	BRL		mg/kg dry	1.63	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	87.9		%		1	SM2540 G Mod.	05-Dec-08	05-Dec-08	8120540	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A8 (1-4) SA88258-08	127-17797-08009	Soil	02-Dec-08 11:15	03-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	03-Dec-08	03-Dec-08	8120335	
Volatile Organic Compounds						Initial weight: 5.8 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	04-Dec-08	04-Dec-08	8120373	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A8 (1-4) SA88258-08	127-17797-08009	Soil	02-Dec-08 11:15	03-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds						Initial weight: 5.8 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.5	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	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	2200	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*	*116*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	368	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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-A8 (1-4)	127-17797-08009	Soil	02-Dec-08 11:15	03-Dec-08
SA88258-08				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	368	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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-A8 (1-4) SA88258-08	127-17797-08009	Soil	02-Dec-08 11:15	03-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	368	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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*	*62*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*62*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*55*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*64*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*56*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*51*		*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	04-Dec-08	05-Dec-08	8120364	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)*	*68*		*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	10-Dec-08	12-Dec-08	8120851	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-A8 (1-4)	127-17797-08009	Soil	02-Dec-08 11:15	03-Dec-08
SA88258-08				

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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.9	1	+CT ETPH	09-Dec-08	10-Dec-08	8120751	
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*	*76*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.58	1	SW846 6010B	10-Dec-08	11-Dec-08	8120547	X
7440-38-2	Arsenic	2.37		mg/kg dry	1.58	1	"	"	"	"	X
7440-39-3	Barium	40.2		mg/kg dry	1.06	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.528	1	"	"	"	"	X
7440-47-3	Chromium	11.8		mg/kg dry	1.06	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0330	1	SW846 7471A	"	11-Dec-08	8120549	X
7439-92-1	Lead	12.1		mg/kg dry	1.58	1	SW846 6010B	"	11-Dec-08	8120547	X
7782-49-2	Selenium	2.15		mg/kg dry	1.58	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	88.8		%		1	SM2540 G Mod.	05-Dec-08	05-Dec-08	8120540	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A9 (1-4) SA88258-09	127-17797-08009	Soil	02-Dec-08 11:45	03-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	03-Dec-08	03-Dec-08	8120335	
Volatile Organic Compounds						Initial weight: 5.08 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	04-Dec-08	04-Dec-08	8120373	X
67-64-1	Acetone	BRL		µg/kg dry	60.0	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	60.0	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	60.0	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	60.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	60.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A9 (1-4)	127-17797-08009	Soil	02-Dec-08 11:45	03-Dec-08
SA88258-09				

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: 5.08 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.0	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	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	60.0	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	60.0	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*	*86*		*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	360	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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-A9 (1-4) SA88258-09	127-17797-08009	Soil	02-Dec-08 11:45	03-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	360	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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-A9 (1-4)	127-17797-08009	Soil	02-Dec-08 11:45	03-Dec-08
SA88258-09				

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	360	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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*	*54*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*50*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*45*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*49*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*46*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*41*		*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	04-Dec-08	05-Dec-08	8120364	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)*	*73*		*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	10-Dec-08	12-Dec-08	8120851	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-A9 (1-4) SA88258-09	127-17797-08009	Soil	02-Dec-08 11:45	03-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.5	1	+CT ETPH	09-Dec-08	10-Dec-08	8120751	
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*	*68*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.57	1	SW846 6010B	10-Dec-08	11-Dec-08	8120547	X
7440-38-2	Arsenic	2.51		mg/kg dry	1.57	1	"	"	"	"	X
7440-39-3	Barium	37.3		mg/kg dry	1.05	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.523	1	"	"	"	"	X
7440-47-3	Chromium	9.19		mg/kg dry	1.05	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0298	1	SW846 7471A	"	11-Dec-08	8120549	X
7439-92-1	Lead	7.76		mg/kg dry	1.57	1	SW846 6010B	"	11-Dec-08	8120547	X
7782-49-2	Selenium	1.72		mg/kg dry	1.57	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	90.2		%		1	SM2540 G Mod.	05-Dec-08	05-Dec-08	8120540	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A10 (1-4)	127-17797-08009	Soil	02-Dec-08 12:45	03-Dec-08
SA88258-10				

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	03-Dec-08	03-Dec-08	8120335	
Volatile Organic Compounds						Initial weight: 5.83 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.0	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	X
67-64-1	Acetone	BRL		µg/kg dry	50.5	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	50.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	25.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.0	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	5.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	50.5	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	50.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	50.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A10 (1-4)	127-17797-08009	Soil	02-Dec-08 12:45	03-Dec-08
SA88258-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds						Initial weight: 5.83 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.0	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	X
100-42-5	Styrene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.0	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	5.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	50.5	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	50.5	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	25.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2020	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*95*		*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	354	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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-A10 (1-4)	127-17797-08009	Soil	02-Dec-08 12:45	03-Dec-08
SA88258-10				

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	354	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A10 (1-4) SA88258-10	127-17797-08009	Soil	02-Dec-08 12:45	03-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	354	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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*	*57*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*55*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*49*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*58*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*50*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*46*		*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	04-Dec-08	05-Dec-08	8120364	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)*	*70*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*		*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	10-Dec-08	12-Dec-08	8120851	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)*	*131*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A10 (1-4)	127-17797-08009	Soil	02-Dec-08 12:45	03-Dec-08
SA88258-10				

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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.3	1	+CT ETPH	09-Dec-08	10-Dec-08	8120751	
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*	*84*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.54	1	SW846 6010B	10-Dec-08	11-Dec-08	8120547	X
7440-38-2	Arsenic	1.68		mg/kg dry	1.54	1	"	"	"	"	X
7440-39-3	Barium	41.1		mg/kg dry	1.03	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.514	1	"	"	"	"	X
7440-47-3	Chromium	9.48		mg/kg dry	1.03	1	"	"	"	"	X
7439-97-6	Mercury	0.0992		mg/kg dry	0.0321	1	SW846 7471A	"	11-Dec-08	8120549	X
7439-92-1	Lead	11.0		mg/kg dry	1.54	1	SW846 6010B	"	11-Dec-08	8120547	X
7782-49-2	Selenium	BRL		mg/kg dry	1.54	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	92.4		%		1	SM2540 G Mod.	05-Dec-08	05-Dec-08	8120541	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A11 (1-4) SA88258-11	127-17797-08009	Soil	02-Dec-08 13:15	03-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	03-Dec-08	03-Dec-08	8120335	
Volatile Organic Compounds						Initial weight: 6.11 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	04-Dec-08	04-Dec-08	8120373	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-A11 (1-4)	127-17797-08009	Soil	02-Dec-08 13:15	03-Dec-08
SA88258-11				

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: 6.11 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.2	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	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*	*92*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*94*		*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	361	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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-A11 (1-4) SA88258-11	127-17797-08009	Soil	02-Dec-08 13:15	03-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	361	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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	1450	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	1450	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-A11 (1-4)	127-17797-08009	Soil	02-Dec-08 13:15	03-Dec-08
SA88258-11				

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	361	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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*	*66*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*66*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*59*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*71*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*60*		*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	21.5	1	SW846 8082	04-Dec-08	05-Dec-08	8120364	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.5	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.5	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.5	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.5	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.5	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.5	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.5	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.5	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*72*		*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	10-Dec-08	12-Dec-08	8120851	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-A11 (1-4) SA88258-11	127-17797-08009	Soil	02-Dec-08 13:15	03-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.6	1	+CT ETPH	09-Dec-08	10-Dec-08	8120751	
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*	*94*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.49	1	SW846 6010B	10-Dec-08	12-Dec-08	8120547	X
7440-38-2	Arsenic	2.92		mg/kg dry	1.49	1	"	"	"	"	X
7440-39-3	Barium	163		mg/kg dry	0.991	1	"	"	"	"	X
7440-43-9	Cadmium	0.565		mg/kg dry	0.496	1	"	"	"	"	X
7440-47-3	Chromium	27.0		mg/kg dry	0.991	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0333	1	SW846 7471A	"	11-Dec-08	8120549	X
7439-92-1	Lead	14.8		mg/kg dry	1.49	1	SW846 6010B	"	12-Dec-08	8120547	X
7782-49-2	Selenium	4.07		mg/kg dry	1.49	1	"	"	12-Dec-08	"	X
General Chemistry Parameters											
	% Solids	89.3		%		1	SM2540 G Mod.	05-Dec-08	05-Dec-08	8120541	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A12 (1-4)	127-17797-08009	Soil	02-Dec-08 13:45	03-Dec-08
SA88258-12				

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	03-Dec-08	03-Dec-08	8120335	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.17 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.1	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	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-A12 (1-4) SA88258-12	127-17797-08009	Soil	02-Dec-08 13:45	03-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds						Initial weight: 5.17 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.1	1	SW846 8260B	04-Dec-08	04-Dec-08	8120373	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*	*89*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*93*		*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	366	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	366	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	366	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	366	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	366	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	366	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	366	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	366	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	366	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	366	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	366	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	366	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	366	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	366	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A12 (1-4)	127-17797-08009	Soil	02-Dec-08 13:45	03-Dec-08
SA88258-12				

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	366	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	366	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	366	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	366	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	366	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	366	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	366	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	366	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	366	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	366	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	366	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	366	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	366	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	366	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	366	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	366	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	366	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	366	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	366	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	366	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	366	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	366	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	366	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	366	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	366	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	366	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	366	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	366	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	366	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	366	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	366	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	366	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	366	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	366	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	366	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	366	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	366	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	366	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	366	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	366	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	366	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	366	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	366	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	366	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1470	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	366	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	366	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1470	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	366	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	366	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A12 (1-4)	127-17797-08009	Soil	02-Dec-08 13:45	03-Dec-08
SA88258-12				

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	366	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	366	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	366	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	366	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	366	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	366	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	366	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	366	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	366	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	366	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	366	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*64*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*55*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*65*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*56*		*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	20.9	1	SW846 8082	04-Dec-08	05-Dec-08	8120364	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)*	*70*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*52*		*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	10-Dec-08	12-Dec-08	8120851	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											

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A12 (1-4)	127-17797-08009	Soil	02-Dec-08 13:45	03-Dec-08
SA88258-12				

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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.8	1	+CT ETPH	09-Dec-08	10-Dec-08	8120751	
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*	*74*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.56	1	SW846 6010B	10-Dec-08	12-Dec-08	8120547	X
7440-38-2	Arsenic	2.15		mg/kg dry	1.56	1	"	"	"	"	X
7440-39-3	Barium	70.4		mg/kg dry	1.04	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.520	1	"	"	"	"	X
7440-47-3	Chromium	16.3		mg/kg dry	1.04	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0299	1	SW846 7471A	"	11-Dec-08	8120549	X
7439-92-1	Lead	30.7		mg/kg dry	1.56	1	SW846 6010B	"	12-Dec-08	8120547	X
7782-49-2	Selenium	2.51		mg/kg dry	1.56	1	"	"	12-Dec-08	"	X
General Chemistry Parameters											
	% Solids	88.4		%		1	SM2540 G Mod.	05-Dec-08	05-Dec-08	8120541	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A13 (1-4)	127-17797-08009	Soil	02-Dec-08 14:15	03-Dec-08
SA88258-13				

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	03-Dec-08	03-Dec-08	8120335	
Volatile Organic Compounds						Initial weight: 5.68 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.6	1	SW846 8260B	05-Dec-08	06-Dec-08	8120505	X
67-64-1	Acetone	BRL		µg/kg dry	55.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.6	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	55.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	55.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	55.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	55.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.6	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A13 (1-4)	127-17797-08009	Soil	02-Dec-08 14:15	03-Dec-08
SA88258-13				

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: 5.68 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.6	1	SW846 8260B	05-Dec-08	06-Dec-08	8120505	X
100-42-5	Styrene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.6	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.6	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	55.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	55.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	112	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	27.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2230	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*112*		*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	363	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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-A13 (1-4)	127-17797-08009	Soil	02-Dec-08 14:15	03-Dec-08
SA88258-13				

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	363	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A13 (1-4)	127-17797-08009	Soil	02-Dec-08 14:15	03-Dec-08
SA88258-13				

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	363	1	SW846 8270C	09-Dec-08	10-Dec-08	8120750	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*	*65*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*69*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*57*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*73*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*58*		*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	21.8	1	SW846 8082	04-Dec-08	05-Dec-08	8120364	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)*	*72*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*67*		*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	10-Dec-08	12-Dec-08	8120851	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											

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A13 (1-4) SA88258-13	127-17797-08009	Soil	02-Dec-08 14:15	03-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.6	1	+CT ETPH	09-Dec-08	10-Dec-08	8120751	
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	1.63	1	SW846 6010B	10-Dec-08	12-Dec-08	8120547	X
7440-38-2	Arsenic	2.07		mg/kg dry	1.63	1	"	"	"	"	X
7440-39-3	Barium	72.7		mg/kg dry	1.09	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.544	1	"	"	"	"	X
7440-47-3	Chromium	18.9		mg/kg dry	1.09	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0302	1	SW846 7471A	"	11-Dec-08	8120549	X
7439-92-1	Lead	13.0		mg/kg dry	1.63	1	SW846 6010B	"	12-Dec-08	8120547	X
7782-49-2	Selenium	2.57		mg/kg dry	1.63	1	"	"	12-Dec-08	"	X
General Chemistry Parameters											
	% Solids	88.8		%		1	SM2540 G Mod.	05-Dec-08	05-Dec-08	8120541	

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120373 - SW846 5035A Soil (low level)										
Blank (8120373-BLK1)										
Prepared & Analyzed: 04-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 8120373 - SW846 5035A Soil (low level)										
Blank (8120373-BLK1)										
Prepared & Analyzed: 04-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	*47.4*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*58.6*		µg/kg wet		*50.0*		*117*	*70-130*		
Surrogate: Dibromofluoromethane	*53.2*		µg/kg wet		*50.0*		*106*	*70-130*		
LCS (8120373-BS1)										
Prepared & Analyzed: 04-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.2		µg/kg wet		20.0		91	70-130		
Acetone	7.2		µg/kg wet		20.0		36	0-168		
Acrylonitrile	17.2		µg/kg wet		20.0		86	70-130		
Benzene	20.1		µg/kg wet		20.0		100	70-130		
Bromobenzene	17.9		µg/kg wet		20.0		89	70-130		
Bromochloromethane	16.9		µg/kg wet		20.0		85	70-130		
Bromodichloromethane	19.1		µg/kg wet		20.0		96	70-130		
Bromoform	19.0		µg/kg wet		20.0		95	70-130		
Bromomethane	14.5		µg/kg wet		20.0		73	40.9-138		
2-Butanone (MEK)	16.8		µg/kg wet		20.0		84	29.8-145		
n-Butylbenzene	19.9		µg/kg wet		20.0		100	70-130		
sec-Butylbenzene	18.2		µg/kg wet		20.0		91	70-130		
tert-Butylbenzene	17.7		µg/kg wet		20.0		88	70-130		
Carbon disulfide	20.2		µg/kg wet		20.0		101	70-130		
Carbon tetrachloride	19.9		µg/kg wet		20.0		99	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 8120373 - SW846 5035A Soil (low level)										
LCS (8120373-BS1)										
Prepared & Analyzed: 04-Dec-08										
Chloroethane	16.0		µg/kg wet		20.0		80	47.5-130		
Chloroform	18.2		µg/kg wet		20.0		91	70-130		
Chloromethane	13.3	QC2	µg/kg wet		20.0		66	70-130		
2-Chlorotoluene	19.2		µg/kg wet		20.0		96	70-130		
4-Chlorotoluene	18.2		µg/kg wet		20.0		91	70-130		
1,2-Dibromo-3-chloropropane	18.5		µg/kg wet		20.0		93	70-130		
Dibromochloromethane	18.1		µg/kg wet		20.0		91	66.2-130		
1,2-Dibromoethane (EDB)	16.9		µg/kg wet		20.0		84	70-130		
Dibromomethane	17.8		µg/kg wet		20.0		89	70-130		
1,2-Dichlorobenzene	19.3		µg/kg wet		20.0		96	70-130		
1,3-Dichlorobenzene	17.4		µg/kg wet		20.0		87	70-130		
1,4-Dichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
Dichlorodifluoromethane (Freon12)	13.3		µg/kg wet		20.0		66	32-158		
1,1-Dichloroethane	18.9		µg/kg wet		20.0		94	70-130		
1,2-Dichloroethane	19.0		µg/kg wet		20.0		95	70-130		
1,1-Dichloroethene	18.7		µg/kg wet		20.0		93	70-130		
cis-1,2-Dichloroethene	18.8		µg/kg wet		20.0		94	70-130		
trans-1,2-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130		
1,2-Dichloropropane	19.8		µg/kg wet		20.0		99	70-130		
1,3-Dichloropropane	17.5		µg/kg wet		20.0		87	70-130		
2,2-Dichloropropane	19.3		µg/kg wet		20.0		96	70-130		
1,1-Dichloropropene	20.2		µg/kg wet		20.0		101	70-130		
cis-1,3-Dichloropropene	18.5		µg/kg wet		20.0		93	70-130		
trans-1,3-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130		
Ethylbenzene	19.6		µg/kg wet		20.0		98	70-130		
Hexachlorobutadiene	18.0		µg/kg wet		20.0		90	53.6-138		
2-Hexanone (MBK)	16.2		µg/kg wet		20.0		81	70-130		
Isopropylbenzene	19.7		µg/kg wet		20.0		99	70-130		
4-Isopropyltoluene	18.9		µg/kg wet		20.0		95	70-130		
Methyl tert-butyl ether	21.1		µg/kg wet		20.0		106	70-130		
4-Methyl-2-pentanone (MIBK)	18.2		µg/kg wet		20.0		91	53.5-137		
Methylene chloride	17.1		µg/kg wet		20.0		85	70-130		
Naphthalene	17.9		µg/kg wet		20.0		90	70-130		
n-Propylbenzene	19.0		µg/kg wet		20.0		95	70-130		
Styrene	19.3		µg/kg wet		20.0		97	70-130		
1,1,1,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,1,2,2-Tetrachloroethane	18.7		µg/kg wet		20.0		93	70-130		
Tetrachloroethene	18.2		µg/kg wet		20.0		91	70-130		
Toluene	16.7		µg/kg wet		20.0		83	70-130		
1,2,3-Trichlorobenzene	18.6		µg/kg wet		20.0		93	70-130		
1,2,4-Trichlorobenzene	18.3		µg/kg wet		20.0		92	70-130		
1,3,5-Trichlorobenzene	20.1		µg/kg wet		20.0		101	70-130		
1,1,1-Trichloroethane	19.3		µg/kg wet		20.0		96	70-130		
1,1,2-Trichloroethane	18.0		µg/kg wet		20.0		90	70-130		
Trichloroethene	19.4		µg/kg wet		20.0		97	70-130		
Trichlorofluoromethane (Freon 11)	18.6		µg/kg wet		20.0		93	50.9-138		
1,2,3-Trichloropropane	16.2		µg/kg wet		20.0		81	70-130		
1,2,4-Trimethylbenzene	18.2		µg/kg wet		20.0		91	70-130		
1,3,5-Trimethylbenzene	18.6		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 8120373 - SW846 5035A Soil (low level)										
LCS (8120373-BS1)										
Prepared & Analyzed: 04-Dec-08										
Vinyl chloride	15.3		µg/kg wet		20.0		76	70-130		
m,p-Xylene	39.0		µg/kg wet		40.0		97	70-130		
o-Xylene	19.0		µg/kg wet		20.0		95	70-130		
Tetrahydrofuran	17.3		µg/kg wet		20.0		86	70-130		
Ethyl ether	20.1		µg/kg wet		20.0		100	61.4-130		
Tert-amyl methyl ether	18.7		µg/kg wet		20.0		93	70-130		
Ethyl tert-butyl ether	20.2		µg/kg wet		20.0		101	70-130		
Di-isopropyl ether	21.8		µg/kg wet		20.0		109	70-130		
Tert-Butanol / butyl alcohol	163		µg/kg wet		200		81	70-130		
1,4-Dioxane	142		µg/kg wet		200		71	48.3-142		
trans-1,4-Dichloro-2-butene	17.5		µg/kg wet		20.0		88	70-130		
Ethanol	320		µg/kg wet		400		80	70-130		
Surrogate: 4-Bromofluorobenzene	*47.1*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*47.2*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.0*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*47.9*		µg/kg wet		*50.0*		*96*	*70-130*		
LCS Dup (8120373-BSD1)										
Prepared & Analyzed: 04-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.1		µg/kg wet		20.0		91	70-130	0.6	25
Acetone	7.8		µg/kg wet		20.0		39	0-168	8	50
Acrylonitrile	17.2		µg/kg wet		20.0		86	70-130	0.3	25
Benzene	20.0		µg/kg wet		20.0		100	70-130	0.6	25
Bromobenzene	18.1		µg/kg wet		20.0		91	70-130	1	25
Bromochloromethane	15.9		µg/kg wet		20.0		80	70-130	6	25
Bromodichloromethane	19.5		µg/kg wet		20.0		98	70-130	2	25
Bromoform	18.8		µg/kg wet		20.0		94	70-130	0.6	25
Bromomethane	15.4		µg/kg wet		20.0		77	40.9-138	6	50
2-Butanone (MEK)	12.4		µg/kg wet		20.0		62	29.8-145	30	50
n-Butylbenzene	19.6		µg/kg wet		20.0		98	70-130	1	25
sec-Butylbenzene	18.0		µg/kg wet		20.0		90	70-130	0.7	25
tert-Butylbenzene	17.8		µg/kg wet		20.0		89	70-130	0.4	25
Carbon disulfide	20.1		µg/kg wet		20.0		101	70-130	0.5	25
Carbon tetrachloride	20.9		µg/kg wet		20.0		104	70-130	5	25
Chlorobenzene	20.0		µg/kg wet		20.0		100	70-130	2	25
Chloroethane	16.2		µg/kg wet		20.0		81	47.5-130	0.6	50
Chloroform	18.6		µg/kg wet		20.0		93	70-130	3	25
Chloromethane	13.4	QC2	µg/kg wet		20.0		67	70-130	1	25
2-Chlorotoluene	19.3		µg/kg wet		20.0		96	70-130	0.4	25
4-Chlorotoluene	18.6		µg/kg wet		20.0		93	70-130	2	25
1,2-Dibromo-3-chloropropane	16.9		µg/kg wet		20.0		84	70-130	9	25
Dibromochloromethane	18.3		µg/kg wet		20.0		92	66.2-130	1	50
1,2-Dibromoethane (EDB)	16.8		µg/kg wet		20.0		84	70-130	0.7	25
Dibromomethane	17.2		µg/kg wet		20.0		86	70-130	3	25
1,2-Dichlorobenzene	18.7		µg/kg wet		20.0		93	70-130	3	25
1,3-Dichlorobenzene	17.5		µg/kg wet		20.0		88	70-130	0.7	25
1,4-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130	0.7	25
Dichlorodifluoromethane (Freon12)	13.3		µg/kg wet		20.0		66	32-158	0.2	50
1,1-Dichloroethane	18.9		µg/kg wet		20.0		94	70-130	0.2	25
1,2-Dichloroethane	18.2		µg/kg wet		20.0		91	70-130	4	25
1,1-Dichloroethene	19.0		µg/kg wet		20.0		95	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 8120373 - SW846 5035A Soil (low level)										
LCS Dup (8120373-BSD1)										
Prepared & Analyzed: 04-Dec-08										
cis-1,2-Dichloroethene	18.2		µg/kg wet		20.0		91	70-130	3	25
trans-1,2-Dichloroethene	20.9		µg/kg wet		20.0		105	70-130	0.7	25
1,2-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130	0.9	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	0.7	25
1,1-Dichloropropene	20.3		µg/kg wet		20.0		101	70-130	0.6	25
cis-1,3-Dichloropropene	17.9		µg/kg wet		20.0		89	70-130	3	25
trans-1,3-Dichloropropene	19.1		µg/kg wet		20.0		95	70-130	3	25
Ethylbenzene	19.7		µg/kg wet		20.0		98	70-130	0.6	25
Hexachlorobutadiene	17.4		µg/kg wet		20.0		87	53.6-138	4	50
2-Hexanone (MBK)	15.7		µg/kg wet		20.0		79	70-130	3	25
Isopropylbenzene	19.9		µg/kg wet		20.0		100	70-130	1	25
4-Isopropyltoluene	19.1		µg/kg wet		20.0		96	70-130	1	25
Methyl tert-butyl ether	20.3		µg/kg wet		20.0		101	70-130	4	25
4-Methyl-2-pentanone (MIBK)	13.5		µg/kg wet		20.0		68	53.5-137	29	50
Methylene chloride	17.5		µg/kg wet		20.0		88	70-130	2	25
Naphthalene	16.3		µg/kg wet		20.0		81	70-130	10	25
n-Propylbenzene	19.0		µg/kg wet		20.0		95	70-130	0.3	25
Styrene	19.4		µg/kg wet		20.0		97	70-130	0.3	25
1,1,1,2-Tetrachloroethane	20.5		µg/kg wet		20.0		102	70-130	1	25
1,1,2,2-Tetrachloroethane	18.0		µg/kg wet		20.0		90	70-130	4	25
Tetrachloroethene	17.4		µg/kg wet		20.0		87	70-130	4	25
Toluene	16.8		µg/kg wet		20.0		84	70-130	0.7	25
1,2,3-Trichlorobenzene	17.2		µg/kg wet		20.0		86	70-130	8	25
1,2,4-Trichlorobenzene	17.7		µg/kg wet		20.0		88	70-130	4	25
1,3,5-Trichlorobenzene	19.6		µg/kg wet		20.0		98	70-130	2	25
1,1,1-Trichloroethane	20.0		µg/kg wet		20.0		100	70-130	4	25
1,1,2-Trichloroethane	17.2		µg/kg wet		20.0		86	70-130	4	25
Trichloroethene	19.1		µg/kg wet		20.0		96	70-130	2	25
Trichlorofluoromethane (Freon 11)	19.2		µg/kg wet		20.0		96	50.9-138	3	50
1,2,3-Trichloropropane	16.2		µg/kg wet		20.0		81	70-130	0.1	25
1,2,4-Trimethylbenzene	18.4		µg/kg wet		20.0		92	70-130	0.8	25
1,3,5-Trimethylbenzene	18.4		µg/kg wet		20.0		92	70-130	0.5	25
Vinyl chloride	14.9		µg/kg wet		20.0		75	70-130	2	25
m,p-Xylene	40.1		µg/kg wet		40.0		100	70-130	3	25
o-Xylene	19.0		µg/kg wet		20.0		95	70-130	0	25
Tetrahydrofuran	16.2		µg/kg wet		20.0		81	70-130	7	25
Ethyl ether	21.5		µg/kg wet		20.0		107	61.4-130	7	50
Tert-amyl methyl ether	16.7		µg/kg wet		20.0		84	70-130	11	25
Ethyl tert-butyl ether	20.4		µg/kg wet		20.0		102	70-130	1	25
Di-isopropyl ether	21.1		µg/kg wet		20.0		105	70-130	3	25
Tert-Butanol / butyl alcohol	165		µg/kg wet		200		83	70-130	1	25
1,4-Dioxane	141		µg/kg wet		200		71	48.3-142	0.8	25
trans-1,4-Dichloro-2-butene	16.9		µg/kg wet		20.0		84	70-130	4	25
Ethanol	312		µg/kg wet		400		78	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*47.6*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*48.1*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.7*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: Dibromofluoromethane	*48.6*		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 8120505 - SW846 5035A Soil (low level)										
Blank (8120505-BLK1)										
Prepared & Analyzed: 05-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 8120505 - SW846 5035A Soil (low level)										
Blank (8120505-BLK1)										
Prepared & Analyzed: 05-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	*47.5*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*47.3*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*57.8*		µg/kg wet		*50.0*		*116*	*70-130*		
Surrogate: Dibromofluoromethane	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS (8120505-BS1)										
Prepared & Analyzed: 05-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.2		µg/kg wet		20.0		106	70-130		
Acetone	10.8		µg/kg wet		20.0		54	0-168		
Acrylonitrile	15.4		µg/kg wet		20.0		77	70-130		
Benzene	19.6		µg/kg wet		20.0		98	70-130		
Bromobenzene	18.0		µg/kg wet		20.0		90	70-130		
Bromochloromethane	16.2		µg/kg wet		20.0		81	70-130		
Bromodichloromethane	18.1		µg/kg wet		20.0		90	70-130		
Bromoform	17.1		µg/kg wet		20.0		86	70-130		
Bromomethane	14.7		µg/kg wet		20.0		74	40.9-138		
2-Butanone (MEK)	13.1		µg/kg wet		20.0		66	29.8-145		
n-Butylbenzene	19.8		µg/kg wet		20.0		99	70-130		
sec-Butylbenzene	18.2		µg/kg wet		20.0		91	70-130		
tert-Butylbenzene	17.7		µg/kg wet		20.0		88	70-130		
Carbon disulfide	20.2		µg/kg wet		20.0		101	70-130		
Carbon tetrachloride	21.7		µg/kg wet		20.0		108	70-130		
Chlorobenzene	19.0		µg/kg wet		20.0		95	70-130		
Chloroethane	16.4		µg/kg wet		20.0		82	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 8120505 - SW846 5035A Soil (low level)										
LCS (8120505-BS1)										
Prepared & Analyzed: 05-Dec-08										
Chloroform	17.4		µg/kg wet		20.0		87	70-130		
Chloromethane	13.4	QC1	µg/kg wet		20.0		67	70-130		
2-Chlorotoluene	19.2		µg/kg wet		20.0		96	70-130		
4-Chlorotoluene	18.1		µg/kg wet		20.0		90	70-130		
1,2-Dibromo-3-chloropropane	16.4		µg/kg wet		20.0		82	70-130		
Dibromochloromethane	16.5		µg/kg wet		20.0		83	66.2-130		
1,2-Dibromoethane (EDB)	15.4		µg/kg wet		20.0		77	70-130		
Dibromomethane	15.9		µg/kg wet		20.0		80	70-130		
1,2-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130		
1,3-Dichlorobenzene	16.9		µg/kg wet		20.0		85	70-130		
1,4-Dichlorobenzene	19.3		µg/kg wet		20.0		97	70-130		
Dichlorodifluoromethane (Freon12)	13.3		µg/kg wet		20.0		66	32-158		
1,1-Dichloroethane	18.4		µg/kg wet		20.0		92	70-130		
1,2-Dichloroethane	16.9		µg/kg wet		20.0		84	70-130		
1,1-Dichloroethene	20.7		µg/kg wet		20.0		103	70-130		
cis-1,2-Dichloroethene	18.3		µg/kg wet		20.0		92	70-130		
trans-1,2-Dichloroethene	21.1		µg/kg wet		20.0		106	70-130		
1,2-Dichloropropane	19.0		µg/kg wet		20.0		95	70-130		
1,3-Dichloropropane	15.6		µg/kg wet		20.0		78	70-130		
2,2-Dichloropropane	18.5		µg/kg wet		20.0		92	70-130		
1,1-Dichloropropene	20.7		µg/kg wet		20.0		104	70-130		
cis-1,3-Dichloropropene	17.3		µg/kg wet		20.0		86	70-130		
trans-1,3-Dichloropropene	16.4		µg/kg wet		20.0		82	70-130		
Ethylbenzene	19.9		µg/kg wet		20.0		99	70-130		
Hexachlorobutadiene	17.2		µg/kg wet		20.0		86	53.6-138		
2-Hexanone (MBK)	14.6		µg/kg wet		20.0		73	70-130		
Isopropylbenzene	20.0		µg/kg wet		20.0		100	70-130		
4-Isopropyltoluene	19.1		µg/kg wet		20.0		96	70-130		
Methyl tert-butyl ether	17.5		µg/kg wet		20.0		88	70-130		
4-Methyl-2-pentanone (MIBK)	16.4		µg/kg wet		20.0		82	53.5-137		
Methylene chloride	16.0		µg/kg wet		20.0		80	70-130		
Naphthalene	16.1		µg/kg wet		20.0		80	70-130		
n-Propylbenzene	19.3		µg/kg wet		20.0		96	70-130		
Styrene	14.0		µg/kg wet		20.0		70	70-130		
1,1,1,2-Tetrachloroethane	19.6		µg/kg wet		20.0		98	70-130		
1,1,2,2-Tetrachloroethane	17.0		µg/kg wet		20.0		85	70-130		
Tetrachloroethene	18.7		µg/kg wet		20.0		93	70-130		
Toluene	16.6		µg/kg wet		20.0		83	70-130		
1,2,3-Trichlorobenzene	16.8		µg/kg wet		20.0		84	70-130		
1,2,4-Trichlorobenzene	17.7		µg/kg wet		20.0		89	70-130		
1,3,5-Trichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
1,1,1-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,1,2-Trichloroethane	16.1		µg/kg wet		20.0		80	70-130		
Trichloroethene	18.9		µg/kg wet		20.0		94	70-130		
Trichlorofluoromethane (Freon 11)	20.1		µg/kg wet		20.0		101	50.9-138		
1,2,3-Trichloropropane	14.6		µg/kg wet		20.0		73	70-130		
1,2,4-Trimethylbenzene	18.0		µg/kg wet		20.0		90	70-130		
1,3,5-Trimethylbenzene	18.5		µg/kg wet		20.0		92	70-130		
Vinyl chloride	15.8		µg/kg wet		20.0		79	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120505 - SW846 5035A Soil (low level)										
LCS (8120505-BS1)										
Prepared & Analyzed: 05-Dec-08										
m,p-Xylene	38.9		µg/kg wet		40.0		97	70-130		
o-Xylene	19.0		µg/kg wet		20.0		95	70-130		
Tetrahydrofuran	10.7	QC1	µg/kg wet		20.0		54	70-130		
Ethyl ether	18.5		µg/kg wet		20.0		93	61.4-130		
Tert-amyl methyl ether	17.9		µg/kg wet		20.0		90	70-130		
Ethyl tert-butyl ether	17.8		µg/kg wet		20.0		89	70-130		
Di-isopropyl ether	19.6		µg/kg wet		20.0		98	70-130		
Tert-Butanol / butyl alcohol	140		µg/kg wet		200		70	70-130		
1,4-Dioxane	160		µg/kg wet		200		80	48.3-142		
trans-1,4-Dichloro-2-butene	14.4		µg/kg wet		20.0		72	70-130		
Ethanol	307		µg/kg wet		400		77	70-130		
Surrogate: 4-Bromofluorobenzene	*47.6*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*46.7*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.6*		µg/kg wet		*50.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*48.4*		µg/kg wet		*50.0*		*97*	*70-130*		
LCS Dup (8120505-BSD1)										
Prepared & Analyzed: 05-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.5		µg/kg wet		20.0		108	70-130	2	25
Acetone	12.6		µg/kg wet		20.0		63	0-168	16	50
Acrylonitrile	18.0		µg/kg wet		20.0		90	70-130	16	25
Benzene	20.3		µg/kg wet		20.0		102	70-130	4	25
Bromobenzene	19.3		µg/kg wet		20.0		97	70-130	7	25
Bromochloromethane	16.7		µg/kg wet		20.0		84	70-130	3	25
Bromodichloromethane	19.8		µg/kg wet		20.0		99	70-130	9	25
Bromoform	19.1		µg/kg wet		20.0		96	70-130	11	25
Bromomethane	16.8		µg/kg wet		20.0		84	40.9-138	13	50
2-Butanone (MEK)	17.7		µg/kg wet		20.0		89	29.8-145	30	50
n-Butylbenzene	22.5		µg/kg wet		20.0		112	70-130	13	25
sec-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130	13	25
tert-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130	13	25
Carbon disulfide	21.1		µg/kg wet		20.0		106	70-130	5	25
Carbon tetrachloride	21.5		µg/kg wet		20.0		108	70-130	0.6	25
Chlorobenzene	21.0		µg/kg wet		20.0		105	70-130	10	25
Chloroethane	17.9		µg/kg wet		20.0		89	47.5-130	8	50
Chloroform	18.8		µg/kg wet		20.0		94	70-130	8	25
Chloromethane	14.0		µg/kg wet		20.0		70	70-130	4	25
2-Chlorotoluene	20.6		µg/kg wet		20.0		103	70-130	7	25
4-Chlorotoluene	20.2		µg/kg wet		20.0		101	70-130	11	25
1,2-Dibromo-3-chloropropane	19.8		µg/kg wet		20.0		99	70-130	19	25
Dibromochloromethane	19.2		µg/kg wet		20.0		96	66.2-130	15	50
1,2-Dibromoethane (EDB)	17.6		µg/kg wet		20.0		88	70-130	13	25
Dibromomethane	19.0		µg/kg wet		20.0		95	70-130	17	25
1,2-Dichlorobenzene	20.8		µg/kg wet		20.0		104	70-130	8	25
1,3-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130	12	25
1,4-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	9	25
Dichlorodifluoromethane (Freon12)	13.7		µg/kg wet		20.0		68	32-158	3	50
1,1-Dichloroethane	19.3		µg/kg wet		20.0		96	70-130	5	25
1,2-Dichloroethane	18.6		µg/kg wet		20.0		93	70-130	10	25
1,1-Dichloroethene	21.8		µg/kg wet		20.0		109	70-130	6	25
cis-1,2-Dichloroethene	19.4		µg/kg wet		20.0		97	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 8120505 - SW846 5035A Soil (low level)										
LCS Dup (8120505-BSD1)										
Prepared & Analyzed: 05-Dec-08										
trans-1,2-Dichloroethene	21.5		µg/kg wet		20.0		108	70-130	2	25
1,2-Dichloropropane	19.5		µg/kg wet		20.0		97	70-130	2	25
1,3-Dichloropropane	18.2		µg/kg wet		20.0		91	70-130	15	25
2,2-Dichloropropane	19.2		µg/kg wet		20.0		96	70-130	4	25
1,1-Dichloropropene	20.8		µg/kg wet		20.0		104	70-130	0.5	25
cis-1,3-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130	8	25
trans-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130	15	25
Ethylbenzene	21.4		µg/kg wet		20.0		107	70-130	7	25
Hexachlorobutadiene	20.0		µg/kg wet		20.0		100	53.6-138	15	50
2-Hexanone (MBK)	18.4		µg/kg wet		20.0		92	70-130	23	25
Isopropylbenzene	22.1		µg/kg wet		20.0		111	70-130	10	25
4-Isopropyltoluene	21.0		µg/kg wet		20.0		105	70-130	9	25
Methyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130	9	25
4-Methyl-2-pentanone (MIBK)	17.2		µg/kg wet		20.0		86	53.5-137	4	50
Methylene chloride	17.3		µg/kg wet		20.0		87	70-130	8	25
Naphthalene	18.3		µg/kg wet		20.0		92	70-130	13	25
n-Propylbenzene	21.6		µg/kg wet		20.0		108	70-130	11	25
Styrene	20.8	QR2	µg/kg wet		20.0		104	70-130	39	25
1,1,1,2-Tetrachloroethane	20.6		µg/kg wet		20.0		103	70-130	5	25
1,1,2,2-Tetrachloroethane	19.2		µg/kg wet		20.0		96	70-130	12	25
Tetrachloroethene	20.2		µg/kg wet		20.0		101	70-130	8	25
Toluene	18.5		µg/kg wet		20.0		92	70-130	11	25
1,2,3-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	18	25
1,2,4-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	13	25
1,3,5-Trichlorobenzene	21.3		µg/kg wet		20.0		107	70-130	9	25
1,1,1-Trichloroethane	20.6		µg/kg wet		20.0		103	70-130	2	25
1,1,2-Trichloroethane	18.3		µg/kg wet		20.0		91	70-130	13	25
Trichloroethene	19.9		µg/kg wet		20.0		100	70-130	5	25
Trichlorofluoromethane (Freon 11)	21.1		µg/kg wet		20.0		106	50.9-138	5	50
1,2,3-Trichloropropane	17.1		µg/kg wet		20.0		85	70-130	16	25
1,2,4-Trimethylbenzene	20.1		µg/kg wet		20.0		100	70-130	11	25
1,3,5-Trimethylbenzene	20.3		µg/kg wet		20.0		101	70-130	9	25
Vinyl chloride	16.8		µg/kg wet		20.0		84	70-130	7	25
m,p-Xylene	43.4		µg/kg wet		40.0		109	70-130	11	25
o-Xylene	20.6		µg/kg wet		20.0		103	70-130	8	25
Tetrahydrofuran	18.8	QR5	µg/kg wet		20.0		94	70-130	55	25
Ethyl ether	19.3		µg/kg wet		20.0		96	61.4-130	4	50
Tert-amyl methyl ether	19.1		µg/kg wet		20.0		96	70-130	7	25
Ethyl tert-butyl ether	18.9		µg/kg wet		20.0		94	70-130	6	25
Di-isopropyl ether	20.9		µg/kg wet		20.0		105	70-130	6	25
Tert-Butanol / butyl alcohol	191	QR2	µg/kg wet		200		96	70-130	31	25
1,4-Dioxane	195		µg/kg wet		200		97	48.3-142	20	25
trans-1,4-Dichloro-2-butene	17.9		µg/kg wet		20.0		90	70-130	22	25
Ethanol	310		µg/kg wet		400		78	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*48.2*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*48.9*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.8*		µg/kg wet		*50.0*		*94*	*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 8120750 - SW846 3545A										
Blank (8120750-BLK1)										
Prepared & Analyzed: 09-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 8120750 - SW846 3545A										
Blank (8120750-BLK1)										
Prepared & Analyzed: 09-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	*2050*		µg/kg wet		*3330*		*62*	*30-130*		
Surrogate: 2-Fluorophenol	*2260*		µg/kg wet		*3330*		*68*	*15-110*		
Surrogate: Nitrobenzene-d5	*1970*		µg/kg wet		*3330*		*59*	*30-130*		
Surrogate: Phenol-d5	*2230*		µg/kg wet		*3330*		*67*	*15-110*		
Surrogate: Terphenyl-d14	*1750*		µg/kg wet		*3330*		*53*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1760*		µg/kg wet		*3330*		*53*	*15-110*		
LCS (8120750-BS1)										
Prepared & Analyzed: 09-Dec-08										
Acenaphthene	2360		µg/kg wet	330	3330		71	40-130		
Acenaphthylene	2400		µg/kg wet	330	3330		72	40-130		
Aniline	1050	QC2	µg/kg wet	330	3330		31	40-130		
Anthracene	2430		µg/kg wet	330	3330		73	40-130		
Atrazine	2280		µg/kg wet	330	3330		68	40-130		
Azobenzene/Diphenyldiazine	2560		µg/kg wet	330	3330		77	40-130		
Benzidine	BRL		µg/kg wet	330	3330			0-130		
Benzo (a) anthracene	1960		µg/kg wet	330	3330		59	40-130		
Benzo (a) pyrene	2340		µg/kg wet	330	3330		70	40-130		
Benzo (b) fluoranthene	2450		µg/kg wet	330	3330		73	40-130		
Benzo (g,h,i) perylene	2110		µg/kg wet	330	3330		63	40-130		
Benzo (k) fluoranthene	2480		µg/kg wet	330	3330		74	40-130		
Benzoic acid	1650		µg/kg wet	330	3330		49	3.25-130		
Benzyl alcohol	2240		µg/kg wet	330	3330		67	40-130		
Bis(2-chloroethoxy)methane	2720		µg/kg wet	330	3330		81	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 8120750 - SW846 3545A										
LCS (8120750-BS1)										
Prepared & Analyzed: 09-Dec-08										
Bis(2-chloroisopropyl)ether	2910		µg/kg wet	330	3330		87	40-130		
Bis(2-ethylhexyl)phthalate	2360		µg/kg wet	330	3330		71	40-130		
4-Bromophenyl phenyl ether	2550		µg/kg wet	330	3330		76	40-130		
Butyl benzyl phthalate	2310		µg/kg wet	330	3330		69	40-130		
Carbazole	2430		µg/kg wet	330	3330		73	40-130		
4-Chloro-3-methylphenol	2370		µg/kg wet	330	3330		71	40-130		
4-Chloroaniline	1380		µg/kg wet	330	3330		41	40-130		
2-Chloronaphthalene	2280		µg/kg wet	330	3330		68	40-130		
2-Chlorophenol	2300		µg/kg wet	330	3330		69	40-130		
4-Chlorophenyl phenyl ether	2530		µg/kg wet	330	3330		76	40-130		
Chrysene	2030		µg/kg wet	330	3330		61	40-130		
Dibenzo (a,h) anthracene	2130		µg/kg wet	330	3330		64	40-130		
Dibenzofuran	2210		µg/kg wet	330	3330		66	40-130		
1,2-Dichlorobenzene	2310		µg/kg wet	330	3330		69	40-130		
1,3-Dichlorobenzene	2040		µg/kg wet	330	3330		61	40-130		
1,4-Dichlorobenzene	2320		µg/kg wet	330	3330		70	40-130		
3,3'-Dichlorobenzidine	1790		µg/kg wet	330	3330		54	40-130		
2,4-Dichlorophenol	2270		µg/kg wet	330	3330		68	40-130		
Diethyl phthalate	2480		µg/kg wet	330	3330		74	40-130		
Dimethyl phthalate	2540		µg/kg wet	330	3330		76	40-130		
2,4-Dimethylphenol	2250		µg/kg wet	330	3330		67	40-130		
Di-n-butyl phthalate	2630		µg/kg wet	330	3330		79	40-130		
4,6-Dinitro-2-methylphenol	2090		µg/kg wet	330	3330		63	40-130		
2,4-Dinitrophenol	1660		µg/kg wet	330	3330		50	40-130		
2,4-Dinitrotoluene	2310		µg/kg wet	330	3330		69	40-130		
2,6-Dinitrotoluene	2410		µg/kg wet	330	3330		72	40-130		
Di-n-octyl phthalate	3000		µg/kg wet	330	3330		90	40-130		
Fluoranthene	2360		µg/kg wet	330	3330		71	40-130		
Fluorene	2290		µg/kg wet	330	3330		69	40-130		
Hexachlorobenzene	2110		µg/kg wet	330	3330		63	40-130		
Hexachlorobutadiene	2140		µg/kg wet	330	3330		64	40-130		
Hexachlorocyclopentadiene	2170		µg/kg wet	330	3330		65	40-130		
Hexachloroethane	2330		µg/kg wet	330	3330		70	40-130		
Indeno (1,2,3-cd) pyrene	2070		µg/kg wet	330	3330		62	40-130		
Isophorone	2350		µg/kg wet	330	3330		70	40-130		
1-Methylnaphthalene	2540		µg/kg wet	330	3330		76	40-140		
2-Methylnaphthalene	2440		µg/kg wet	330	3330		73	40-130		
2-Methylphenol	2250		µg/kg wet	330	3330		67	40-130		
3 & 4-Methylphenol	2320		µg/kg wet	330	3330		70	40-130		
Naphthalene	2380		µg/kg wet	330	3330		71	40-130		
2-Nitroaniline	2310		µg/kg wet	330	3330		69	40-130		
3-Nitroaniline	1910		µg/kg wet	330	3330		57	40-130		
4-Nitroaniline	2000		µg/kg wet	1320	3330		60	40-130		
Nitrobenzene	2200		µg/kg wet	330	3330		66	40-130		
2-Nitrophenol	2230		µg/kg wet	330	3330		67	40-130		
4-Nitrophenol	2020		µg/kg wet	1320	3330		61	40-130		
N-Nitrosodimethylamine	3100		µg/kg wet	330	3330		93	40-130		
N-Nitrosodi-n-propylamine	2540		µg/kg wet	330	3330		76	40-130		
N-Nitrosodiphenylamine	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 8120750 - SW846 3545A										
LCS (8120750-BS1)										
Prepared & Analyzed: 09-Dec-08										
Pentachlorophenol	2550		µg/kg wet	330	3330		76	40-130		
Phenanthrene	2340		µg/kg wet	330	3330		70	40-130		
Phenol	2320		µg/kg wet	330	3330		70	40-130		
Pyrene	2070		µg/kg wet	330	3330		62	40-130		
Pyridine	367		µg/kg wet	330	3330		11	0-130		
1,2,4-Trichlorobenzene	2170		µg/kg wet	330	3330		65	40-130		
2,4,5-Trichlorophenol	2300		µg/kg wet	330	3330		69	40-130		
2,4,6-Trichlorophenol	2180		µg/kg wet	330	3330		66	40-130		
Pentachloronitrobenzene	2250		µg/kg wet	330	3330		67	40-140		
1,2,4,5-Tetrachlorobenzene	2240		µg/kg wet	330	3330		67	40-140		
Surrogate: 2-Fluorobiphenyl	*2330*		µg/kg wet		*3330*		*70*	*30-130*		
Surrogate: 2-Fluorophenol	*2230*		µg/kg wet		*3330*		*67*	*15-110*		
Surrogate: Nitrobenzene-d5	*2370*		µg/kg wet		*3330*		*71*	*30-130*		
Surrogate: Phenol-d5	*1880*		µg/kg wet		*3330*		*56*	*15-110*		
Surrogate: Terphenyl-d14	*1870*		µg/kg wet		*3330*		*56*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2510*		µg/kg wet		*3330*		*75*	*15-110*		
Duplicate (8120750-DUP1) **Source: SA88258-05**										
Prepared: 09-Dec-08 Analyzed: 10-Dec-08										
Acenaphthene	BRL		µg/kg dry	366		BRL				50
Acenaphthylene	BRL		µg/kg dry	366		BRL				50
Aniline	BRL		µg/kg dry	366		BRL				50
Anthracene	BRL		µg/kg dry	366		BRL				50
Atrazine	BRL		µg/kg dry	366		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	366		BRL				50
Benzidine	BRL		µg/kg dry	366		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	366		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	366		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	366		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	366		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	366		BRL				50
Benzoic acid	BRL		µg/kg dry	366		BRL				50
Benzyl alcohol	BRL		µg/kg dry	366		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	366		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	366		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	366		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	366		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	366		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	366		BRL				50
Carbazole	BRL		µg/kg dry	366		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	366		BRL				50
4-Chloroaniline	BRL		µg/kg dry	366		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	366		BRL				50
2-Chlorophenol	BRL		µg/kg dry	366		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	366		BRL				50
Chrysene	BRL		µg/kg dry	366		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	366		BRL				50
Dibenzofuran	BRL		µg/kg dry	366		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	366		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	366		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	366		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 8120750 - SW846 3545A										
Duplicate (8120750-DUP1) **Source: SA88258-05**										
Prepared: 09-Dec-08 Analyzed: 10-Dec-08										
3,3'-Dichlorobenzidine	BRL		µg/kg dry	366		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	366		BRL				50
Diethyl phthalate	BRL		µg/kg dry	366		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	366		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	366		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	366		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	366		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	366		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	366		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	366		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	366		BRL				50
Fluoranthene	BRL		µg/kg dry	366		BRL				50
Fluorene	BRL		µg/kg dry	366		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	366		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	366		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	366		BRL				50
Hexachloroethane	BRL		µg/kg dry	366		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	366		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	366		BRL				50
Isophorone	BRL		µg/kg dry	366		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	366		BRL				50
2-Methylphenol	BRL		µg/kg dry	366		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	366		BRL				50
Naphthalene	BRL		µg/kg dry	366		BRL				50
2-Nitroaniline	BRL		µg/kg dry	366		BRL				50
3-Nitroaniline	BRL		µg/kg dry	366		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1460		BRL				50
Nitrobenzene	BRL		µg/kg dry	366		BRL				50
2-Nitrophenol	BRL		µg/kg dry	366		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1460		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	366		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	366		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	366		BRL				50
Pentachlorophenol	BRL		µg/kg dry	366		BRL				50
Phenanthrene	BRL		µg/kg dry	366		BRL				50
Phenol	BRL		µg/kg dry	366		BRL				50
Pyrene	BRL		µg/kg dry	366		BRL				50
Pyridine	BRL		µg/kg dry	366		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	366		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	366		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	366		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	366		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	366		BRL				50
Surrogate: 2-Fluorobiphenyl	*900*		µg/kg dry		*1850*		*49*	*30-130*		
Surrogate: 2-Fluorophenol	*934*		µg/kg dry		*1850*		*51*	*15-110*		
Surrogate: Nitrobenzene-d5	*832*		µg/kg dry		*1850*		*45*	*30-130*		
Surrogate: Phenol-d5	*978*		µg/kg dry		*1850*		*53*	*15-110*		
Surrogate: Terphenyl-d14	*714*		µg/kg dry		*1850*		*39*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*722*		µg/kg dry		*1850*		*39*	*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 8120750 - SW846 3545A										
Matrix Spike (8120750-MS1)	**Source: SA88258-05**									
Prepared & Analyzed: 09-Dec-08										
Acenaphthene	1170		µg/kg dry	181	1830	BRL	64	40-140		
Benzo (b) fluoranthene	1110		µg/kg dry	181	1830	BRL	61	40-140		
Benzo (k) fluoranthene	1400		µg/kg dry	181	1830	BRL	77	40-140		
4-Chloro-3-methylphenol	1140		µg/kg dry	181	1830	BRL	62	30-130		
2-Chlorophenol	1140		µg/kg dry	181	1830	BRL	62	30-130		
Chrysene	1000		µg/kg dry	181	1830	BRL	55	40-140		
1,4-Dichlorobenzene	1170		µg/kg dry	181	1830	BRL	64	40-140		
Indeno (1,2,3-cd) pyrene	961		µg/kg dry	181	1830	BRL	53	40-140		
Naphthalene	1140		µg/kg dry	181	1830	BRL	62	40-140		
4-Nitrophenol	1100		µg/kg dry	723	1830	BRL	60	30-130		
N-Nitrosodi-n-propylamine	1250		µg/kg dry	181	1830	BRL	68	40-140		
Pentachlorophenol	1190		µg/kg dry	181	1830	BRL	65	30-130		
Phenol	1160		µg/kg dry	181	1830	BRL	64	30-130		
Pyrene	1050		µg/kg dry	181	1830	BRL	58	40-140		
1,2,4-Trichlorobenzene	1020		µg/kg dry	181	1830	BRL	56	40-140		
Surrogate: 2-Fluorobiphenyl	*1070*		µg/kg dry		*1830*		*59*	*30-130*		
Surrogate: 2-Fluorophenol	*1050*		µg/kg dry		*1830*		*57*	*15-110*		
Surrogate: Nitrobenzene-d5	*1090*		µg/kg dry		*1830*		*60*	*30-130*		
Surrogate: Phenol-d5	*899*		µg/kg dry		*1830*		*49*	*15-110*		
Surrogate: Terphenyl-dl4	*905*		µg/kg dry		*1830*		*50*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*77.8*	SGC	µg/kg dry		*1830*		*4*	*15-110*		
Matrix Spike Dup (8120750-MSD1)	**Source: SA88258-05**									
Prepared & Analyzed: 09-Dec-08										
Acenaphthene	1220		µg/kg dry	185	1870	BRL	65	40-140	2	30
Benzo (b) fluoranthene	1140		µg/kg dry	185	1870	BRL	61	40-140	0.1	30
Benzo (k) fluoranthene	1520		µg/kg dry	185	1870	BRL	81	40-140	6	30
4-Chloro-3-methylphenol	1210		µg/kg dry	185	1870	BRL	65	30-130	4	30
2-Chlorophenol	1180		µg/kg dry	185	1870	BRL	63	30-130	2	30
Chrysene	1050		µg/kg dry	185	1870	BRL	56	40-140	3	30
1,4-Dichlorobenzene	1050		µg/kg dry	185	1870	BRL	56	40-140	14	30
Indeno (1,2,3-cd) pyrene	1020		µg/kg dry	185	1870	BRL	55	40-140	4	30
Naphthalene	1190		µg/kg dry	185	1870	BRL	64	40-140	2	30
4-Nitrophenol	1150		µg/kg dry	740	1870	BRL	62	30-130	3	30
N-Nitrosodi-n-propylamine	1290		µg/kg dry	185	1870	BRL	69	40-140	1	30
Pentachlorophenol	1200		µg/kg dry	185	1870	BRL	65	30-130	1	30
Phenol	1210		µg/kg dry	185	1870	BRL	65	30-130	2	30
Pyrene	1060		µg/kg dry	185	1870	BRL	57	40-140	1	30
1,2,4-Trichlorobenzene	1080		µg/kg dry	185	1870	BRL	58	40-140	3	30
Surrogate: 2-Fluorobiphenyl	*1140*		µg/kg dry		*1870*		*61*	*30-130*		
Surrogate: 2-Fluorophenol	*1080*		µg/kg dry		*1870*		*58*	*15-110*		
Surrogate: Nitrobenzene-d5	*1140*		µg/kg dry		*1870*		*61*	*30-130*		
Surrogate: Phenol-d5	*926*		µg/kg dry		*1870*		*50*	*15-110*		
Surrogate: Terphenyl-dl4	*897*		µg/kg dry		*1870*		*48*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*78.8*	SGC	µg/kg dry		*1870*		*4*	*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 8120364 - SW846 3550B										
Blank (8120364-BLK1)										
Prepared: 04-Dec-08 Analyzed: 05-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)	*28.0*		µg/kg wet		*40.0*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.0*		µg/kg wet		*40.0*		*62*	*30-150*		
LCS (8120364-BS1)										
Prepared: 04-Dec-08 Analyzed: 05-Dec-08										
PCB 1016	358		µg/kg wet	20.0	500		72	40-140		
PCB 1260	326		µg/kg wet	20.0	500		65	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*28.0*		µg/kg wet		*40.0*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*23.0*		µg/kg wet		*40.0*		*58*	*30-150*		
LCS Dup (8120364-BSD1)										
Prepared: 04-Dec-08 Analyzed: 05-Dec-08										
PCB 1016	356		µg/kg wet	20.0	500		71	40-140	0.6	30
PCB 1260	314		µg/kg wet	20.0	500		63	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*27.0*		µg/kg wet		*40.0*		*68*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*40.0*		*52*	*30-150*		
Duplicate (8120364-DUP1) **Source: SA88251-01**										
Prepared: 04-Dec-08 Analyzed: 05-Dec-08										
PCB 1016	BRL		µg/kg dry	21.1		BRL				40
PCB 1221	BRL		µg/kg dry	21.1		BRL				40
PCB 1232	BRL		µg/kg dry	21.1		BRL				40
PCB 1242	BRL		µg/kg dry	21.1		BRL				40
PCB 1248	BRL		µg/kg dry	21.1		BRL				40
PCB 1254	BRL		µg/kg dry	21.1		BRL				40
PCB 1260	BRL		µg/kg dry	21.1		BRL				40
PCB 1262	BRL		µg/kg dry	21.1		BRL				40
PCB 1268	BRL		µg/kg dry	21.1		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*30.5*		µg/kg dry		*42.1*		*72*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.1*		µg/kg dry		*42.1*		*52*	*30-150*		
Matrix Spike (8120364-MS1) **Source: SA88251-01**										
Prepared: 04-Dec-08 Analyzed: 05-Dec-08										
PCB 1016	389		µg/kg dry	20.4	511	BRL	76	40-140		
PCB 1260	330		µg/kg dry	20.4	511	BRL	65	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*30.6*		µg/kg dry		*40.9*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*23.5*		µg/kg dry		*40.9*		*57*	*30-150*		
Matrix Spike Dup (8120364-MSD1) **Source: SA88251-01**										
Prepared: 04-Dec-08 Analyzed: 05-Dec-08										
PCB 1016	405		µg/kg dry	20.9	522	BRL	78	40-140	2	50
PCB 1260	360		µg/kg dry	20.9	522	BRL	69	40-140	6	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*30.3*		µg/kg dry		*41.8*		*72*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.0*		µg/kg dry		*41.8*		*58*	*30-150*		
Batch 8120851 - 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 8120851 - SW846 3550B										
Blank (8120851-BLK1)										
Prepared: 10-Dec-08 Analyzed: 12-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) [:	*14.7*		µg/kg wet		*13.3*		*110*	*30-150*		
LCS (8120851-BS1)										
Prepared: 10-Dec-08 Analyzed: 12-Dec-08										
2,4,5-T	21.9		µg/kg wet	6.70	33.3		66	40-140		
2,4,5-T [2C]	19.1		µg/kg wet	6.70	33.3		57	40-140		
2,4,5-TP (Silvex)	22.5		µg/kg wet	6.70	33.3		68	40-140		
2,4,5-TP (Silvex) [2C]	22.1		µg/kg wet	6.70	33.3		66	40-140		
2,4-D	24.1		µg/kg wet	6.70	33.3		72	40-140		
2,4-D [2C]	22.8		µg/kg wet	6.70	33.3		68	40-140		
2,4-DB	20.2		µg/kg wet	6.70	33.3		61	40-140		
2,4-DB [2C]	17.8		µg/kg wet	6.70	33.3		53	40-140		
Dalapon	16.3		µg/kg wet	6.70	33.3		49	40-140		
Dalapon [2C]	18.1		µg/kg wet	6.70	33.3		54	40-140		
Dicamba	21.5		µg/kg wet	6.70	33.3		65	40-140		
Dicamba [2C]	23.4		µg/kg wet	6.70	33.3		70	40-140		
Dichlorprop	23.5		µg/kg wet	6.70	33.3		71	40-140		
Dichlorprop [2C]	24.3		µg/kg wet	6.70	33.3		73	40-140		
Dinoseb	23.9		µg/kg wet	6.70	33.3		72	40-140		
Dinoseb [2C]	25.3		µg/kg wet	6.70	33.3		76	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.8*		µg/kg wet		*13.3*		*96*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*13.9*		µg/kg wet		*13.3*		*104*	*30-150*		
LCS (8120851-BS2)										
Prepared: 10-Dec-08 Analyzed: 12-Dec-08										
MCPA	7530		µg/kg wet	670	10000		75	40-140		
MCPA [2C]	8470		µg/kg wet	670	10000		85	40-140		
MCPB	8600		µg/kg wet	670	10000		86	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 8120851 - SW846 3550B										
LCS (8120851-BS2)										
Prepared: 10-Dec-08 Analyzed: 12-Dec-08										
MCPB [2C]	8930		µg/kg wet	670	10000		89	40-140		
MCPP	8200		µg/kg wet	670	10000		82	40-140		
MCPP [2C]	7070		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) [:	*15.1*		µg/kg wet		*13.3*		*114*	*30-150*		
LCS Dup (8120851-BSD1)										
Prepared: 10-Dec-08 Analyzed: 12-Dec-08										
2,4,5-T	21.4		µg/kg wet	6.70	33.3		64	40-140	2	25
2,4,5-T [2C]	19.0		µg/kg wet	6.70	33.3		57	40-140	0.4	25
2,4,5-TP (Silvex)	20.6		µg/kg wet	6.70	33.3		62	40-140	9	25
2,4,5-TP (Silvex) [2C]	21.7		µg/kg wet	6.70	33.3		65	40-140	2	25
2,4-D	21.9		µg/kg wet	6.70	33.3		66	40-140	9	25
2,4-D [2C]	23.7		µg/kg wet	6.70	33.3		71	40-140	4	25
2,4-DB	20.6		µg/kg wet	6.70	33.3		62	40-140	2	25
2,4-DB [2C]	18.1		µg/kg wet	6.70	33.3		54	40-140	1	25
Dalapon	16.3		µg/kg wet	6.70	33.3		49	40-140	0	25
Dalapon [2C]	18.1		µg/kg wet	6.70	33.3		54	40-140	0	25
Dicamba	21.7		µg/kg wet	6.70	33.3		65	40-140	0.6	25
Dicamba [2C]	23.1		µg/kg wet	6.70	33.3		69	40-140	1	25
Dichlorprop	23.2		µg/kg wet	6.70	33.3		70	40-140	1	25
Dichlorprop [2C]	23.7		µg/kg wet	6.70	33.3		71	40-140	2	25
Dinoseb	22.1		µg/kg wet	6.70	33.3		66	40-140	8	25
Dinoseb [2C]	24.5		µg/kg wet	6.70	33.3		74	40-140	3	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.4*		µg/kg wet		*13.3*		*93*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*13.7*		µg/kg wet		*13.3*		*102*	*30-150*		
LCS Dup (8120851-BSD2)										
Prepared: 10-Dec-08 Analyzed: 12-Dec-08										
MCPA	6000		µg/kg wet	670	10000		60	40-140	23	25
MCPA [2C]	6730		µg/kg wet	670	10000		67	40-140	23	25
MCPB	6470	QR2	µg/kg wet	670	10000		65	40-140	28	25
MCPB [2C]	7330		µg/kg wet	670	10000		73	40-140	20	25
MCPP	5870	QR2	µg/kg wet	670	10000		59	40-140	33	25
MCPP [2C]	5730		µg/kg wet	670	10000		57	40-140	21	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.3*		µg/kg wet		*13.3*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*11.7*		µg/kg wet		*13.3*		*88*	*30-150*		
Duplicate (8120851-DUP1) **Source: SA88258-01**										
Prepared: 10-Dec-08 Analyzed: 12-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 8120851 - SW846 3550B										
Duplicate (8120851-DUP1) **Source: SA88258-01**										
Prepared: 10-Dec-08 Analyzed: 12-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)	*13.4*		µg/kg dry		*14.9*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*12.8*		µg/kg dry		*14.9*		*86*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120751 - SW846 3545A										
Blank (8120751-BLK1)										
Prepared: 09-Dec-08 Analyzed: 10-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	*2.38*		mg/kg wet		*3.33*		*71*	*50-150*		
LCS (8120751-BS1)										
Prepared: 09-Dec-08 Analyzed: 10-Dec-08										
C9-C36 Aliphatic Hydrocarbons	75.9		mg/kg wet	13.3	93.3		81	60-120		
Surrogate: 1-Chlorooctadecane	*2.30*		mg/kg wet		*3.33*		*69*	*50-150*		
Duplicate (8120751-DUP1) **Source: SA88258-05**										
Prepared: 09-Dec-08 Analyzed: 10-Dec-08										
Gasoline	BRL		mg/kg dry	14.7		BRL				50
Fuel Oil #2	BRL		mg/kg dry	14.7		BRL				50
Fuel Oil #4	BRL		mg/kg dry	14.7		BRL				50
Fuel Oil #6	BRL		mg/kg dry	14.7		BRL				50
Motor Oil	BRL		mg/kg dry	14.7		BRL				50
Aviation Fuel	BRL		mg/kg dry	14.7		BRL				50
Unidentified	BRL		mg/kg dry	14.7		BRL				50
Other Oil	BRL		mg/kg dry	14.7		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.7		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.7		BRL				50
Surrogate: 1-Chlorooctadecane	*1.45*		mg/kg dry		*1.85*		*78*	*50-150*		
Matrix Spike (8120751-MS1) **Source: SA88258-05**										
Prepared: 09-Dec-08 Analyzed: 10-Dec-08										
C9-C36 Aliphatic Hydrocarbons	80.0		mg/kg dry	14.6	103	BRL	78	50-150		
Surrogate: 1-Chlorooctadecane	*2.65*		mg/kg dry		*3.67*		*72*	*50-150*		
Matrix Spike Dup (8120751-MSD1) **Source: SA88258-05**										
Prepared: 09-Dec-08 Analyzed: 10-Dec-08										
C9-C36 Aliphatic Hydrocarbons	81.7		mg/kg dry	14.7	103	BRL	79	50-150	2	30
Surrogate: 1-Chlorooctadecane	*2.70*		mg/kg dry		*3.68*		*74*	*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 8120547 - SW846 3050B										
Blank (8120547-BLK1)										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Lead	BRL		mg/kg wet	1.30						
Selenium	BRL		mg/kg wet	1.30						
Cadmium	BRL		mg/kg wet	0.434						
Chromium	BRL		mg/kg wet	0.868						
Silver	BRL		mg/kg wet	1.30						
Arsenic	BRL		mg/kg wet	1.30						
Barium	BRL		mg/kg wet	0.868						
Duplicate (8120547-DUP1) **Source: SA88258-01**										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Lead	9.73		mg/kg dry	1.48		10.8			10	20
Selenium	2.17		mg/kg dry	1.48		2.58			17	20
Cadmium	0.341	J	mg/kg dry	0.494		0.403			17	20
Arsenic	1.88		mg/kg dry	1.48		2.08			10	20
Silver	BRL		mg/kg dry	1.48		BRL				20
Chromium	15.1		mg/kg dry	0.987		17.5			15	20
Barium	62.5		mg/kg dry	0.987		72.3			15	20
Matrix Spike (8120547-MS1) **Source: SA88258-02**										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Selenium	127		mg/kg dry	1.64	137	3.46	90	75-125		
Lead	139		mg/kg dry	1.64	137	16.7	90	75-125		
Silver	121		mg/kg dry	1.64	137	BRL	88	75-125		
Arsenic	126		mg/kg dry	1.64	137	2.09	90	75-125		
Cadmium	131		mg/kg dry	0.548	137	0.510	95	75-125		
Chromium	150		mg/kg dry	1.10	137	21.1	94	75-125		
Barium	233		mg/kg dry	1.10	137	88.1	106	75-125		
Matrix Spike Dup (8120547-MSD1) **Source: SA88258-02**										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Lead	127		mg/kg dry	1.55	129	16.7	86	75-125	9	20
Selenium	118		mg/kg dry	1.55	129	3.46	89	75-125	7	20
Arsenic	115		mg/kg dry	1.55	129	2.09	88	75-125	8	20
Silver	110		mg/kg dry	1.55	129	BRL	86	75-125	9	20
Cadmium	121		mg/kg dry	0.515	129	0.510	93	75-125	8	20
Chromium	140		mg/kg dry	1.03	129	21.1	92	75-125	7	20
Barium	219		mg/kg dry	1.03	129	88.1	101	75-125	6	20
Post Spike (8120547-PS1) **Source: SA88258-02**										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Lead	143		mg/kg dry	1.69	141	16.7	89	80-120		
Selenium	137		mg/kg dry	1.69	141	3.46	95	80-120		
Silver	131		mg/kg dry	1.69	141	BRL	93	80-120		
Arsenic	130		mg/kg dry	1.69	141	2.09	91	80-120		
Cadmium	135		mg/kg dry	0.564	141	0.510	95	80-120		
Chromium	150		mg/kg dry	1.13	141	21.1	92	80-120		
Barium	217		mg/kg dry	1.13	141	88.1	92	80-120		
Reference (8120547-SRM1)										
Prepared: 10-Dec-08 Analyzed: 12-Dec-08										
Selenium	111		mg/kg wet	1.50	102		109	79.9-119.6		
Lead	73.0		mg/kg wet	1.50	70.0		104	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 8120547 - SW846 3050B										
Reference (8120547-SRM1)										
Prepared: 10-Dec-08 Analyzed: 12-Dec-08										
Chromium	70.8		mg/kg wet	1.00	71.0		100	81.9-118.1		
Silver	32.3		mg/kg wet	1.50	32.1		101	66.2-133.7		
Cadmium	136		mg/kg wet	0.500	133		103	83.7-116.7		
Arsenic	60.6		mg/kg wet	1.50	63.3		96	82.9-117.1		
Barium	143		mg/kg wet	1.00	132		109	80.5-119.5		
Reference (8120547-SRM2)										
Prepared: 10-Dec-08 Analyzed: 12-Dec-08										
Selenium	110		mg/kg wet	1.50	103		106	79.9-119.6		
Lead	69.9		mg/kg wet	1.50	70.6		99	80.9-119.9		
Silver	31.7		mg/kg wet	1.50	32.4		98	66.2-133.7		
Chromium	71.4		mg/kg wet	1.00	71.6		100	81.9-118.1		
Cadmium	134		mg/kg wet	0.500	134		100	83.7-116.7		
Arsenic	59.4		mg/kg wet	1.50	63.9		93	82.9-117.1		
Barium	147		mg/kg wet	1.00	133		110	80.5-119.5		
Batch 8120549 - EPA200/SW7000 Series										
Blank (8120549-BLK1)										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Mercury	BRL		mg/kg wet	0.0290						
Duplicate (8120549-DUP1) Source: SA88258-01										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Mercury	0.0075	J	mg/kg dry	0.0337		BRL				20
Matrix Spike (8120549-MS1) Source: SA88258-02										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Mercury	0.461		mg/kg dry	0.0319	0.442	0.0087	102	75-125		
Matrix Spike Dup (8120549-MSD1) Source: SA88258-02										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Mercury	0.457		mg/kg dry	0.0320	0.445	0.0087	101	75-125	1	20
Post Spike (8120549-PS1) Source: SA88258-02										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Mercury	0.498		mg/kg dry	0.0332	0.461	0.0087	106	80-120		
Reference (8120549-SRM1)										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Mercury	1.96		mg/kg wet	0.0300	2.00		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 8121759 - SW846 3010A										
Blank (8121759-BLK1)										
Prepared & Analyzed: 23-Dec-08										
Lead	BRL		mg/l	0.0075						
Chromium	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0350						
LCS (8121759-BS1)										
Prepared & Analyzed: 23-Dec-08										
Lead	1.22		mg/l	0.0075	1.25		97	85-115		
Chromium	1.29		mg/l	0.0050	1.25		103	85-115		
Barium	1.22		mg/l	0.0350	1.25		98	85-115		
LCS Dup (8121759-BSD1)										
Prepared & Analyzed: 23-Dec-08										
Lead	1.20		mg/l	0.0075	1.25		96	85-115	2	20
Chromium	1.28		mg/l	0.0050	1.25		102	85-115	0.5	20
Barium	1.20		mg/l	0.0350	1.25		96	85-115	2	20
Duplicate (8121759-DUP1)	**Source: SA88769-02**									
Prepared & Analyzed: 23-Dec-08										
Lead	BRL		mg/l	0.0075		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Barium	0.103	QR6	mg/l	0.0350		0.205			66	20
Matrix Spike (8121759-MS1)	**Source: SA88721-04**									
Prepared & Analyzed: 23-Dec-08										
Lead	1.22		mg/l	0.0075	1.25	BRL	98	75-125		
Chromium	1.29		mg/l	0.0050	1.25	BRL	103	75-125		
Barium	1.23		mg/l	0.0350	1.25	0.0212	97	75-125		
Matrix Spike Dup (8121759-MSD1)	**Source: SA88721-04**									
Prepared & Analyzed: 23-Dec-08										
Lead	1.20		mg/l	0.0075	1.25	BRL	96	75-125	2	20
Chromium	1.27		mg/l	0.0050	1.25	BRL	102	75-125	2	20
Barium	1.21		mg/l	0.0350	1.25	0.0212	95	75-125	2	20
Post Spike (8121759-PS1)	**Source: SA88721-04**									
Prepared & Analyzed: 23-Dec-08										
Lead	1.23		mg/l	0.0075	1.25	BRL	99	75-125		
Chromium	1.27		mg/l	0.0050	1.25	BRL	102	75-125		
Barium	1.24		mg/l	0.0350	1.25	0.0212	97	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120540 - General Preparation										
Duplicate (8120540-DUP1)	**Source: SA88178-07**									
Prepared & Analyzed: 05-Dec-08										
% Solids	93.5		%			95.0			2	20
Batch 8120541 - General Preparation										
Duplicate (8120541-DUP1)	**Source: SA88258-10**									
Prepared & Analyzed: 05-Dec-08										
% Solids	92.3		%			92.4			0.1	20

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

* Reportable Detection Limit BRL = Below Reporting Limit

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.
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.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
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.
June O'Connor
Nicole Leja

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 - Newington, CT **Project Number:** 127-17797-08009

Sampling Date(s): 02-Dec-08

Laboratory Sample ID(s): SA88258-01 through SA88258-13

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: 12/29/2008

SA 88258

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 2

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.
Hartford, CT

Invoice To: DAS # 44236

Project No: 127-17797-08009
Site Name: Hartford Busway
Location: Newington State: CT
Sampler(s): Patrick dePaula

Project Mgr.: David Brassard

P.O. No.: _____ RQN: _____

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_3$ 9=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	ETPH	PCB 8080	Herbicides 8151	Total RCRA 8 Metals	QA Reporting Notes (check if needed)
88258 01	RSB-A1 (1-4)	12/2/08	825	G	SO	7,9	3	2			X	X	X	X	X	X	x Hold samples
02	RSB-A2 (1-4)		845														for SPLP Metal
03	RSB-A3 (4-8)		910														analysis.
04	RSB-A4 (1-4)		915														
05	RSB-A5 (1-4)		945														
06	RSB-A6 (4-8)		1015														
07	RSB-A7 (1-4)		1045														
08	RSB-A8 (1-4)		1115														
09	RSB-A9 (1-4)		1145														
10	RSB-A10 (1-4)		1245														

Containers: | Analyses:

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

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

*State specific reporting standards: CT

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

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 7.5
Fridge

Relinquished by:	Received by:	Date:	Time:
Patrick dePaula		12-3-08	1140
		12-3-08	1325

SA 88258

SPECTRUM ANALYTICAL, INC.
Formerly
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:
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Report To: Tetra Tech Rizzo
150 Trumbull St.
Hartford, CT

Project Mgr.: David Brassard

Invoice To: DAS # 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08009
Site Name: Hartford Busway
Location: Newington State: CT
Sampler(s): Patrick deLaurier

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=_____ 10=_____

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	RCRA 8 Metals	Total	QA Reporting Notes:
88258-11	RSB-A11 (1-4)	12/2/08	1315	G	SO	7	3	2			X	X	X	X	X	X	1	
12	RSB-A12 (1-4)		1345	↓	↓	9	↓	↓			↓	↓	↓	↓	↓	↓		
13	RSB-A13 (1-4)		1415	↓	↓	7	↓	↓			↓	↓	↓	↓	↓	↓		
	~~Trip Blank~~																	

☐ Provide MA DEP MCP CAM Report
☒ Provide CT DEP RCP Report

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

* State specific reporting standards: CT

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

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 7.5
Fridge

Relinquished by:	Received by:	Date:	Time:
Patrick deLaurier		12-3-08	1040
		12-3-08	1325

SA 88858 Pg 1 of 2

SPECTRUM ANALYTICAL, INC.
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CHAIN OF CUSTODY RECORD

Page 1 of 2

Special Handling:
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Report To: Tetra Tech Rizzo
150 Trumbull St.
Hartford, CT

Project Mgr.: David Brassard

Invoice To: DAS # 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08009
Site Name: Hartford Busway
Location: Newington State: CT
Sampler(s): Patrick 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=H_2O 10=_____

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X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOC 8260	SVOC 8270	ETPH	PCB 8082	Herbicides 8151	Total RCRA 8	SPLP Pb, Cu, Zn	QA Reporting Notes:
88858 01	RSB-A1 (1-4)	12/2/08	825	G	SO	7,9	3	2			X	X	X	X	X	X		x Hold samples for SPLP Metal analysis.
02	RSB-A2 (1-4)		845															
03	RSB-A3 (4-8)		910															
04	RSB-A4 (1-4)		915															
05	RSB-A5 (1-4)		945															
06	RSB-A6 (4-8)		1015														X	
07	RSB-A7 (1-4)		1045															
08	RSB-A8 (1-4)		1115															
09	RSB-A9 (1-4)		1145															
10	RSB-A10 (1-4)		1245															

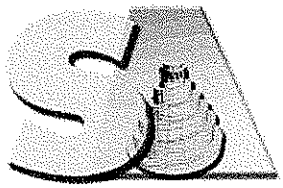
☐ Fax results when available to (____) _____
☒ E-mail to david.brassard @ tetratech.com
EDD Format patrick.depaula

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 7.5
Fridge

Relinquished by:	Received by:	Date:	Time:
Patrick dePaula		12-3-08	1140
		12-3-08	1325

11 Almgren Drive • Agawam, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076 • www.spectrum-analytical.com

Report Date:
29-Dec-08 12:51



☑ 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 127-17797-08009

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA88334-01	RSB-A14	Soil	03-Dec-08 08:10	04-Dec-08 12:15
SA88334-02	RSB-A15	Soil	03-Dec-08 08:25	04-Dec-08 12:15
SA88334-03	RSB-A16	Soil	03-Dec-08 08:55	04-Dec-08 12:15
SA88334-04	RSB-A17	Soil	03-Dec-08 09:05	04-Dec-08 12:15
SA88334-05	RSB-A18	Soil	03-Dec-08 09:15	04-Dec-08 12:15
SA88334-06	RSB-A19	Soil	03-Dec-08 09:40	04-Dec-08 12:15
SA88334-07	RSB-A20	Soil	03-Dec-08 09:50	04-Dec-08 12:15
SA88334-08	RSB-A21	Soil	03-Dec-08 10:00	04-Dec-08 12:15
SA88334-09	RSB-A22	Soil	03-Dec-08 10:30	04-Dec-08 12:15
SA88334-10	RSB-A23	Soil	03-Dec-08 11:20	04-Dec-08 12:15
SA88334-11	RSB-A24	Soil	03-Dec-08 11:40	04-Dec-08 12:15
SA88334-12	RSB-A25	Soil	03-Dec-08 11:55	04-Dec-08 12:15
SA88334-13	RSB-A26	Soil	03-Dec-08 12:55	04-Dec-08 12:15
SA88334-14	RSB-A27	Soil	03-Dec-08 13:05	04-Dec-08 12:15
SA88334-15	RSB-A28	Soil	03-Dec-08 13:20	04-Dec-08 12:15
SA88334-16	RSB-A29	Soil	03-Dec-08 13:30	04-Dec-08 12:15
SA88334-17	RSB-A30	Soil	03-Dec-08 13:55	04-Dec-08 12:15
SA88334-18	RSB-A31	Soil	03-Dec-08 14:10	04-Dec-08 12:15

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

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 138 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 6.4 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 1312/6010B

Duplicates:

8121759-DUP1 *Source: SA88769-02*

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

Barium

SW846 7471A

Duplicates:

8120551-DUP1 *Source: SA88334-01*

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

Mercury

SW846 8151A

Laboratory Control Samples:

8120851-BSD2

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.

MCPB
MCPP

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]

S815007-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]

S815007-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]

S815007-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]

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

SW846 8260B

Laboratory Control Samples:

8120505-BS1

Analyte out of acceptance range.

Chloromethane
Tetrahydrofuran

8120505-BSD1

RPD out of acceptance range.

Tetrahydrofuran

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.

Styrene
Tert-Butanol / butyl alcohol

8120652-BSD1

Analyte out of acceptance range.

2-Hexanone (MBK)
Chloromethane
Ethanol
Tetrahydrofuran

8120822-BSD1

Analyte out of acceptance range.

1,2-Dibromo-3-chloropropane

SW846 8260B

Samples:

SA88334-02 *RSB-A15*

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.

SA88334-03 *RSB-A16*

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.

SA88334-04 *RSB-A17*

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.

SA88334-05 *RSB-A18*

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.

SA88334-06 *RSB-A19*

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.

SA88334-07 *RSB-A20*

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.

SA88334-08 *RSB-A21*

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.

SA88334-09 *RSB-A22*

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.

SA88334-10 *RSB-A23*

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.

SA88334-11 *RSB-A24*

Reporting limits reflect SW846 5030 extraction technique due to interference using SW846 5035A extraction technique.

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.

SA88334-12 *RSB-A25*

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 8260B

Samples:

SA88334-13 *RSB-A26*

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.

SA88334-14 *RSB-A27*

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.

SA88334-15 *RSB-A28*

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.

SA88334-16 *RSB-A29*

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.

SA88334-17 *RSB-A30*

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.

SA88334-18 *RSB-A31*

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.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A14 SA88334-01	127-17797-08009	Soil	03-Dec-08 08:10	04-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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds						Initial weight: 5.59 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	05-Dec-08	05-Dec-08	8120504	X
67-64-1	Acetone	BRL		µg/kg dry	51.7	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	10.3	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	51.7	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	10.3	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.3	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	10.3	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	10.3	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	51.7	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	51.7	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	51.7	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.2	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A14 SA88334-01	127-17797-08009	Soil	03-Dec-08 08:10	04-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds						Initial weight: 5.59 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.2	1	SW846 8260B	05-Dec-08	05-Dec-08	8120504	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	10.3	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	51.7	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	51.7	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	103	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*	*92*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*96*		*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	348	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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-A14	127-17797-08009	Soil	03-Dec-08 08:10	04-Dec-08
SA88334-01				

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	348	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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-A14 SA88334-01	127-17797-08009	Soil	03-Dec-08 08:10	04-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	348	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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*	72		30-130 %			"	"	"	"	
367-12-4	*2-Fluorophenol*	59		15-110 %			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	73		30-130 %			"	"	"	"	
4165-62-2	*Phenol-d5*	52		15-110 %			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	64		30-130 %			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	69		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	05-Dec-08	05-Dec-08	8120453	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)*	80		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	10-Dec-08	12-Dec-08	8120851	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)*	118		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-A14 SA88334-01	127-17797-08009	Soil	03-Dec-08 08:10	04-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.0	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
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*	*65*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.57	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	2.14		mg/kg dry	1.57	1	"	"	"	"	X
7440-39-3	Barium	28.8		mg/kg dry	1.04	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.522	1	"	"	"	"	X
7440-47-3	Chromium	7.44		mg/kg dry	1.04	1	"	"	"	"	X
7439-97-6	Mercury	0.0325		mg/kg dry	0.0282	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	21.0		mg/kg dry	1.57	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	BRL		mg/kg dry	1.57	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	93.1		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120632	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A15 SA88334-02	127-17797-08009	Soil	03-Dec-08 08:25	04-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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10			Initial weight: 7.34 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.7	1	SW846 8260B	05-Dec-08	05-Dec-08	8120504	X
67-64-1	Acetone	BRL		µg/kg dry	47.4	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.7	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.7	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	47.4	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	23.7	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.7	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.5	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.5	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.7	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	47.4	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	47.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	47.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.7	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A15	127-17797-08009	Soil	03-Dec-08 08:25	04-Dec-08
SA88334-02				

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: 7.34 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.7	1	SW846 8260B	05-Dec-08	05-Dec-08	8120504	X
100-42-5	Styrene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.7	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.7	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	47.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	47.4	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	94.7	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	23.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1890	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*95*		*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	380	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	380	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	380	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	380	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	380	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	380	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	380	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	380	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	380	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	380	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	380	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	380	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	380	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	380	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A15 SA88334-02	127-17797-08009	Soil	03-Dec-08 08:25	04-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	380	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	380	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	380	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	380	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	380	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	380	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	380	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	380	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	380	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	380	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	380	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	380	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	380	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	380	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	380	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	380	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	380	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	380	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	380	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	380	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	380	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	380	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	380	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	380	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	380	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	380	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	380	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	380	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	380	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	380	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	380	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	380	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	380	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	380	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	380	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	380	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	380	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	380	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	380	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	380	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	380	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	380	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	380	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	380	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1520	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	380	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	380	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1520	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	380	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	380	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A15	127-17797-08009	Soil	03-Dec-08 08:25	04-Dec-08
SA88334-02				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	380	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	380	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	380	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	380	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	380	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	380	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	380	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	380	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	380	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	380	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	380	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*77*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*62*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*78*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*57*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*69*		*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	21.8	1	SW846 8082	05-Dec-08	05-Dec-08	8120453	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)*	*100*		*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	10-Dec-08	12-Dec-08	8120851	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-A15 SA88334-02	127-17797-08009	Soil	03-Dec-08 08:25	04-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.3	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.3	1	"	"	"	"	
	Unidentified	55.1		mg/kg dry	15.3	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	55.1		mg/kg dry	15.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	55.1		mg/kg dry	15.3	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*72*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.56	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	3.22		mg/kg dry	1.56	1	"	"	"	"	X
7440-39-3	Barium	65.4		mg/kg dry	1.04	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.519	1	"	"	"	"	X
7440-47-3	Chromium	14.8		mg/kg dry	1.04	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0312	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	9.47		mg/kg dry	1.56	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	2.44		mg/kg dry	1.56	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	86.3		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120632	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A16 SA88334-03	127-17797-08009	Soil	03-Dec-08 08:55	04-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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10			Initial weight: 8.45 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.0	1	SW846 8260B	05-Dec-08	05-Dec-08	8120504	X
67-64-1	Acetone	BRL		µg/kg dry	39.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	39.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	19.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.0	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	8.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	39.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	39.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	39.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A16 SA88334-03	127-17797-08009	Soil	03-Dec-08 08:55	04-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10				Initial weight: 8.45 g				
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.0	1	SW846 8260B	05-Dec-08	05-Dec-08	8120504	X
100-42-5	Styrene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	39.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	39.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	79.7	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	19.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1590	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*96*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*104*		*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	365	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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-A16	127-17797-08009	Soil	03-Dec-08 08:55	04-Dec-08
SA88334-03				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	365	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A16 SA88334-03	127-17797-08009	Soil	03-Dec-08 08:55	04-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	365	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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*	*72*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*56*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*73*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*51*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*55*		*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	22.1	1	SW846 8082	05-Dec-08	05-Dec-08	8120453	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)*	*105*		*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	10-Dec-08	12-Dec-08	8120851	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)*	*103*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A16	127-17797-08009	Soil	03-Dec-08 08:55	04-Dec-08
SA88334-03				

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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.7	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
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	50.8		mg/kg dry	14.7	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	50.8		mg/kg dry	14.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	50.8		mg/kg dry	14.7	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*71*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.43	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	1.83		mg/kg dry	1.43	1	"	"	"	"	X
7440-39-3	Barium	62.1		mg/kg dry	0.956	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.478	1	"	"	"	"	X
7440-47-3	Chromium	15.8		mg/kg dry	0.956	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0321	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	8.12		mg/kg dry	1.43	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	2.22		mg/kg dry	1.43	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	88.6		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120632	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A17 SA88334-04	127-17797-08009	Soil	03-Dec-08 09:05	04-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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10			Initial weight: 8.03 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.0	1	SW846 8260B	05-Dec-08	05-Dec-08	8120504	X
67-64-1	Acetone	BRL		µg/kg dry	40.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	40.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	20.1	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	8.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.0	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	8.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	40.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	40.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	40.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A17 SA88334-04	127-17797-08009	Soil	03-Dec-08 09:05	04-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: 8.03 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.0	1	SW846 8260B	05-Dec-08	05-Dec-08	8120504	X
100-42-5	Styrene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	8.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	40.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	40.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	80.4	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	20.1	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1610	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*93*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	361	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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-A17 SA88334-04	127-17797-08009	Soil	03-Dec-08 09:05	04-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	361	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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-A17	127-17797-08009	Soil	03-Dec-08 09:05	04-Dec-08
SA88334-04				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	361	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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*	*75*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*63*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*76*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*57*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*67*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*75*		*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	05-Dec-08	06-Dec-08	8120453	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)*	*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	10-Dec-08	12-Dec-08	8120851	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											

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A17 SA88334-04	127-17797-08009	Soil	03-Dec-08 09:05	04-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.5	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
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*	63		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.66	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.66	1	"	"	"	"	X
7440-39-3	Barium	56.5		mg/kg dry	1.10	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.552	1	"	"	"	"	X
7440-47-3	Chromium	14.6		mg/kg dry	1.10	1	"	"	"	"	X
7439-97-6	Mercury	0.188		mg/kg dry	0.0308	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	11.4		mg/kg dry	1.66	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	2.21		mg/kg dry	1.66	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	90.0		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120632	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A18	127-17797-08009	Soil	03-Dec-08 09:15	04-Dec-08
SA88334-05				

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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10			Initial weight: 6.57 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.7	1	SW846 8260B	05-Dec-08	05-Dec-08	8120504	X
67-64-1	Acetone	BRL		µg/kg dry	47.4	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.7	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.7	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	47.4	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	23.7	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.7	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.5	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.5	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.7	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	47.4	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	47.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	47.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.7	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A18 SA88334-05	127-17797-08009	Soil	03-Dec-08 09:15	04-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10			Initial weight: 6.57 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.7	1	SW846 8260B	05-Dec-08	05-Dec-08	8120504	X
100-42-5	Styrene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.7	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.7	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	47.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	47.4	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	94.8	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	23.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1900	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*	*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	357	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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-A18 SA88334-05	127-17797-08009	Soil	03-Dec-08 09:15	04-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.4	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
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*	*65*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.60	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	3.38		mg/kg dry	1.60	1	"	"	"	"	X
7440-39-3	Barium	52.4		mg/kg dry	1.07	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.534	1	"	"	"	"	X
7440-47-3	Chromium	11.4		mg/kg dry	1.07	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0329	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	9.68		mg/kg dry	1.60	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	1.81		mg/kg dry	1.60	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	90.4		%		1	SM2540 G Mod.	08-Dec-08	09-Dec-08	8120671	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A19 SA88334-06	127-17797-08009	Soil	03-Dec-08 09:40	04-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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 8.84 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.5	1	SW846 8260B	05-Dec-08	05-Dec-08	8120504	X
67-64-1	Acetone	BRL		µg/kg dry	35.2	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	7.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	35.2	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	17.6	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	7.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	7.0	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	7.0	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	7.0	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	35.2	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	35.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	35.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A19 SA88334-06	127-17797-08009	Soil	03-Dec-08 09:40	04-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: 8.84 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.5	1	SW846 8260B	05-Dec-08	05-Dec-08	8120504	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	7.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	35.2	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	35.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	70.3	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	17.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1410	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*124*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*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	356	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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-A19 SA88334-06	127-17797-08009	Soil	03-Dec-08 09:40	04-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	356	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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-A19	127-17797-08009	Soil	03-Dec-08 09:40	04-Dec-08
SA88334-06				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	356	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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*	*78*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*63*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*79*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*58*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*67*		*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	21.4	1	SW846 8082	05-Dec-08	06-Dec-08	8120453	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)*	*80*		*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	10-Dec-08	12-Dec-08	8120851	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-A19 SA88334-06	127-17797-08009	Soil	03-Dec-08 09:40	04-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.3	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
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*	*70*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.48	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	1.59		mg/kg dry	1.48	1	"	"	"	"	X
7440-39-3	Barium	45.7		mg/kg dry	0.987	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.493	1	"	"	"	"	X
7440-47-3	Chromium	10.7		mg/kg dry	0.987	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0311	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	10.5		mg/kg dry	1.48	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	1.71		mg/kg dry	1.48	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	91.9		%		1	SM2540 G Mod.	08-Dec-08	09-Dec-08	8120671	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A20 SA88334-07	127-17797-08009	Soil	03-Dec-08 09:50	04-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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 9.82 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.3	1	SW846 8260B	05-Dec-08	05-Dec-08	8120504	X
67-64-1	Acetone	BRL		µg/kg dry	33.5	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	3.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	33.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	16.7	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	3.3	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	6.7	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	33.5	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	3.3	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	33.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	33.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.3	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A20 SA88334-07	127-17797-08009	Soil	03-Dec-08 09:50	04-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: 9.82 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.3	1	SW846 8260B	05-Dec-08	05-Dec-08	8120504	X
100-42-5	Styrene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	3.3	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	33.5	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	3.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	3.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	3.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	3.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	33.5	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	67.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	16.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1340	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*94*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*124*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*109*		*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	360	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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-A20	127-17797-08009	Soil	03-Dec-08 09:50	04-Dec-08
SA88334-07				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	360	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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-A20 SA88334-07	127-17797-08009	Soil	03-Dec-08 09:50	04-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	360	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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*	*62*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*52*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*63*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*45*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*52*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*57*		*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	05-Dec-08	06-Dec-08	8120453	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)*	*85*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*		*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	10-Dec-08	12-Dec-08	8120851	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)*	*101*		*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-A20 SA88334-07	127-17797-08009	Soil	03-Dec-08 09:50	04-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.5	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
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	26.2		mg/kg dry	14.5	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	26.2		mg/kg dry	14.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	26.2		mg/kg dry	14.5	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	1.49	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	3.49		mg/kg dry	1.49	1	"	"	"	"	X
7440-39-3	Barium	39.5		mg/kg dry	0.991	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.495	1	"	"	"	"	X
7440-47-3	Chromium	10.3		mg/kg dry	0.991	1	"	"	"	"	X
7439-97-6	Mercury	0.127		mg/kg dry	0.0299	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	24.0		mg/kg dry	1.49	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	1.72		mg/kg dry	1.49	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	90.4		%		1	SM2540 G Mod.	08-Dec-08	09-Dec-08	8120671	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A21 SA88334-08	127-17797-08009	Soil	03-Dec-08 10:00	04-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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10			Initial weight: 8.67 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.9	1	SW846 8260B	05-Dec-08	05-Dec-08	8120505	X
67-64-1	Acetone	BRL		µg/kg dry	48.7	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	9.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	48.7	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	24.4	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	9.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.7	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	9.7	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	9.7	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	48.7	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	48.7	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	48.7	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.9	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A21 SA88334-08	127-17797-08009	Soil	03-Dec-08 10:00	04-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: 8.67 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.9	1	SW846 8260B	05-Dec-08	05-Dec-08	8120505	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	9.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	48.7	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	48.7	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	97.4	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	24.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1950	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*	*119*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	403	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	403	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	403	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	403	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	403	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	403	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	403	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	403	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	403	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	403	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	403	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	403	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	403	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	403	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A21 SA88334-08	127-17797-08009	Soil	03-Dec-08 10:00	04-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	403	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	403	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	403	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	403	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	403	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	403	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	403	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	403	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	403	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	403	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	403	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	403	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	403	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	403	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	403	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	403	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	403	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	403	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	403	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	403	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	403	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	403	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	403	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	403	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	403	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	403	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	403	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	403	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	403	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	403	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	403	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	403	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	403	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	403	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	403	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	403	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	403	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1610	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1610	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	403	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	403	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A21 SA88334-08	127-17797-08009	Soil	03-Dec-08 10:00	04-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	403	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	403	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	403	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	403	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	403	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*55*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*52*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*59*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*45*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*46*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*51*		*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	24.2	1	SW846 8082	05-Dec-08	06-Dec-08	8120453	X
11104-28-2	PCB 1221	BRL		µg/kg dry	24.2	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	24.2	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	24.2	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	24.2	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	24.2	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	24.2	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	24.2	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	24.2	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*		*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)*	*72*		*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-A21 SA88334-08	127-17797-08009	Soil	03-Dec-08 10:00	04-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	16.2	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.2	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	16.2	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	16.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	16.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	16.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*53*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.78	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	1.93		mg/kg dry	1.78	1	"	"	"	"	X
7440-39-3	Barium	162		mg/kg dry	1.19	1	"	"	"	"	X
7440-43-9	Cadmium	0.702		mg/kg dry	0.595	1	"	"	"	"	X
7440-47-3	Chromium	42.0		mg/kg dry	1.19	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0366	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	15.9		mg/kg dry	1.78	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	6.48		mg/kg dry	1.78	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	79.9		%		1	SM2540 G Mod.	08-Dec-08	09-Dec-08	8120671	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A22	127-17797-08009	Soil	03-Dec-08 10:30	04-Dec-08
SA88334-09				

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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 7.42 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.3	1	SW846 8260B	05-Dec-08	05-Dec-08	8120505	X
67-64-1	Acetone	BRL		µg/kg dry	43.3	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	8.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	43.3	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	21.7	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	8.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	8.7	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	8.7	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.3	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	8.7	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	43.3	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.3	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	43.3	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	43.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.3	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A22 SA88334-09	127-17797-08009	Soil	03-Dec-08 10:30	04-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10			Initial weight: 7.42 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.3	1	SW846 8260B	05-Dec-08	05-Dec-08	8120505	X
100-42-5	Styrene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.3	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	8.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	43.3	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	43.3	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	86.7	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	21.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1730	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*	*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	367	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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-A22	127-17797-08009	Soil	03-Dec-08 10:30	04-Dec-08
SA88334-09				

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	367	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A22 SA88334-09	127-17797-08009	Soil	03-Dec-08 10:30	04-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	367	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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*	*65*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*53*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*67*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*48*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*51*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*57*		*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	21.5	1	SW846 8082	05-Dec-08	06-Dec-08	8120453	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.5	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.5	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.5	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.5	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.5	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.5	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.5	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.5	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*		*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	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-A22 SA88334-09	127-17797-08009	Soil	03-Dec-08 10:30	04-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.8	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
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	30.3		mg/kg dry	14.8	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.8	1	"	"	"	"	
	Total Petroleum Hydrocarbons	30.3		mg/kg dry	14.8	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	30.3		mg/kg dry	14.8	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	1.45	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	3.18		mg/kg dry	1.45	1	"	"	"	"	X
7440-39-3	Barium	75.4		mg/kg dry	0.968	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.484	1	"	"	"	"	X
7440-47-3	Chromium	22.1		mg/kg dry	0.968	1	"	"	"	"	X
7439-97-6	Mercury	0.0481		mg/kg dry	0.0316	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	26.0		mg/kg dry	1.45	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	2.56		mg/kg dry	1.45	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	89.7		%		1	SM2540 G Mod.	08-Dec-08	09-Dec-08	8120671	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A23 SA88334-10	127-17797-08009	Soil	03-Dec-08 11:20	04-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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10			Initial weight: 7.6 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.7	1	SW846 8260B	05-Dec-08	06-Dec-08	8120505	X
67-64-1	Acetone	BRL		µg/kg dry	47.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.7	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.7	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.4	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	47.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	23.5	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.4	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.7	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.4	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.4	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.7	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.4	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	47.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	47.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	47.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.7	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A23	127-17797-08009	Soil	03-Dec-08 11:20	04-Dec-08
SA88334-10				

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: 7.6 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.7	1	SW846 8260B	05-Dec-08	06-Dec-08	8120505	X
100-42-5	Styrene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.7	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.7	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.4	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	47.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	47.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	93.9	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	23.5	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1880	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*	*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	383	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	383	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	383	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	383	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	383	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	383	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	383	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	383	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	383	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	383	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	383	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	383	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	383	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	383	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A23 SA88334-10	127-17797-08009	Soil	03-Dec-08 11:20	04-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	383	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	383	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	383	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	383	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	383	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	383	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	383	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	383	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	383	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	383	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	383	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	383	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	383	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	383	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	383	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	383	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	383	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	383	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	383	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	383	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	383	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	383	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	383	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	383	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	383	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	383	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	383	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	383	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	383	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	383	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	383	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	383	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	383	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	383	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	383	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	383	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	383	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	383	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	383	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	383	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	383	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	383	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	383	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	383	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1530	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	383	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	383	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1530	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	383	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	383	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A23 SA88334-10	127-17797-08009	Soil	03-Dec-08 11:20	04-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	383	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	383	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	383	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	383	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	383	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	383	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	383	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	383	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	383	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	383	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	383	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*53*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*73*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*50*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*52*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*57*		*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	05-Dec-08	06-Dec-08	8120453	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)*	*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	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)*	*79*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A23 SA88334-10	127-17797-08009	Soil	03-Dec-08 11:20	04-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.4	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
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	Calculated as		mg/kg dry	15.4	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.4	1	"	"	"	"	
	Unidentified	62.1		mg/kg dry	15.4	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.4	1	"	"	"	"	
	Total Petroleum Hydrocarbons	62.1		mg/kg dry	15.4	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	62.1		mg/kg dry	15.4	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	1.49	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	2.28		mg/kg dry	1.49	1	"	"	"	"	X
7440-39-3	Barium	100		mg/kg dry	0.993	1	"	"	"	"	X
7440-43-9	Cadmium	0.571		mg/kg dry	0.497	1	"	"	"	"	X
7440-47-3	Chromium	35.1		mg/kg dry	0.993	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0330	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	15.3		mg/kg dry	1.49	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	4.66		mg/kg dry	1.49	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	85.5		%		1	SM2540 G Mod.	08-Dec-08	09-Dec-08	8120671	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A24 SA88334-11	127-17797-08009	Soil	03-Dec-08 11:40	04-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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10, VOC8								
Prepared by method SW846 5030 Soil (high level)						Initial weight: 24.36 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	42.2	50	SW846 8260B	09-Dec-08	09-Dec-08	8120822	X
67-64-1	Acetone	BRL		µg/kg dry	422	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	42.2	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	42.2	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	42.2	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	42.2	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	84.3	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	422	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	211	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	42.2	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	84.3	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	42.2	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	84.3	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	84.3	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	42.2	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	42.2	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	42.2	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	84.3	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	42.2	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	42.2	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	42.2	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	42.2	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	42.2	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	422	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	42.2	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	422	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	422	50	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	42.2	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A24 SA88334-11	127-17797-08009	Soil	03-Dec-08 11:40	04-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10, VOC8			Initial weight: 24.36 g					
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	42.2	50	SW846 8260B	09-Dec-08	09-Dec-08	8120822	X
100-42-5	Styrene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	42.2	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	42.2	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	42.2	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	42.2	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	42.2	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	42.2	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	42.2	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	42.2	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	42.2	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	84.3	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	42.2	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	422	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	42.2	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	42.2	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	42.2	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	42.2	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	422	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	843	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	211	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	16900	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*96*		*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	368	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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-A24	127-17797-08009	Soil	03-Dec-08 11:40	04-Dec-08
SA88334-11				

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	368	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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-A24 SA88334-11	127-17797-08009	Soil	03-Dec-08 11:40	04-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	368	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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*	*66*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*59*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*69*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*52*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*60*		*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 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.6	1	SW846 8082	05-Dec-08	08-Dec-08	8120453	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)*	*105*		*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	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)*	*85*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A24 SA88334-11	127-17797-08009	Soil	03-Dec-08 11:40	04-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.8	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
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*	*62*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.55	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	1.91		mg/kg dry	1.55	1	"	"	"	"	X
7440-39-3	Barium	62.1		mg/kg dry	1.03	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.517	1	"	"	"	"	X
7440-47-3	Chromium	13.2		mg/kg dry	1.03	1	"	"	"	"	X
7439-97-6	Mercury	0.0563		mg/kg dry	0.0303	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	16.1		mg/kg dry	1.55	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	2.07		mg/kg dry	1.55	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	87.7		%		1	SM2540 G Mod.	08-Dec-08	09-Dec-08	8120671	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A25 SA88334-12	127-17797-08009	Soil	03-Dec-08 11:55	04-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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10			Initial weight: 11.5 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.0	1	SW846 8260B	08-Dec-08	08-Dec-08	8120652	X
67-64-1	Acetone	BRL		µg/kg dry	30.5	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	3.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	30.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	15.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	3.0	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	30.5	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	3.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	30.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	30.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A25	127-17797-08009	Soil	03-Dec-08 11:55	04-Dec-08
SA88334-12				

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: 11.5 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.0	1	SW846 8260B	08-Dec-08	08-Dec-08	8120652	X
100-42-5	Styrene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	3.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	30.5	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	3.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	3.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	3.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	3.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	30.5	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	61.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	15.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1220	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*103*		*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	365	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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-A25 SA88334-12	127-17797-08009	Soil	03-Dec-08 11:55	04-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	365	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A25	127-17797-08009	Soil	03-Dec-08 11:55	04-Dec-08
SA88334-12				

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	365	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	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*	*56*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*56*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*63*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*51*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*46*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*60*		*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	05-Dec-08	06-Dec-08	8120453	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)*	*95*		*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	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)*	*111*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A25 SA88334-12	127-17797-08009	Soil	03-Dec-08 11:55	04-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.7	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
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*	*52*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.52	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	2.73		mg/kg dry	1.52	1	"	"	"	"	X
7440-39-3	Barium	182		mg/kg dry	1.01	1	"	"	"	"	X
7440-43-9	Cadmium	0.735		mg/kg dry	0.507	1	"	"	"	"	X
7440-47-3	Chromium	34.9		mg/kg dry	1.01	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0332	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	15.1		mg/kg dry	1.52	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	4.66		mg/kg dry	1.52	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	89.1		%		1	SM2540 G Mod.	08-Dec-08	09-Dec-08	8120671	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A26 SA88334-13	127-17797-08009	Soil	03-Dec-08 12:55	04-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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10			Initial weight: 8.88 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.0	1	SW846 8260B	08-Dec-08	08-Dec-08	8120652	X
67-64-1	Acetone	BRL		µg/kg dry	49.7	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	49.7	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	24.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.9	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.9	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.9	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	49.7	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	49.7	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	49.7	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A26 SA88334-13	127-17797-08009	Soil	03-Dec-08 12:55	04-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: 8.88 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.0	1	SW846 8260B	08-Dec-08	08-Dec-08	8120652	X
100-42-5	Styrene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.9	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	49.7	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	49.7	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	99.4	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	24.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1990	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*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	413	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	413	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	413	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	413	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	413	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	413	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	413	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	413	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	413	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	413	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	413	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	413	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	413	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	413	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A26	127-17797-08009	Soil	03-Dec-08 12:55	04-Dec-08
SA88334-13				

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	413	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	413	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	413	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	413	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	413	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	413	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	413	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	413	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	413	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	413	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	413	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	413	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	413	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	413	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	413	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	413	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	413	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	413	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	413	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	413	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	413	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	413	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	413	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	413	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	413	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	413	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	413	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	413	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	413	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	413	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	413	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	413	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	413	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	413	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	413	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	413	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	413	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	413	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	413	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	413	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	413	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	413	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	413	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	413	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1650	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	413	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	413	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1650	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	413	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	413	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A26 SA88334-13	127-17797-08009	Soil	03-Dec-08 12:55	04-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	413	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	413	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	413	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	413	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	413	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	413	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	413	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	413	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	413	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	413	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	413	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*52*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*46*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*54*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*41*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*46*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*47*		*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	24.0	1	SW846 8082	05-Dec-08	06-Dec-08	8120453	X
11104-28-2	PCB 1221	BRL		µg/kg dry	24.0	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	24.0	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	24.0	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	24.0	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	24.0	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	24.0	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	24.0	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	24.0	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*		*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	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)*	*80*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A26	127-17797-08009	Soil	03-Dec-08 12:55	04-Dec-08
SA88334-13				

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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	16.6	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
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*	*58*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.76	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	2.02		mg/kg dry	1.76	1	"	"	"	"	X
7440-39-3	Barium	61.0		mg/kg dry	1.17	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.586	1	"	"	"	"	X
7440-47-3	Chromium	16.2		mg/kg dry	1.17	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0352	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	9.74		mg/kg dry	1.76	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	2.68		mg/kg dry	1.76	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	78.4		%		1	SM2540 G Mod.	08-Dec-08	09-Dec-08	8120671	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A27 SA88334-14	127-17797-08009	Soil	03-Dec-08 13:05	04-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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10			Initial weight: 14.5 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.5	1	SW846 8260B	05-Dec-08	06-Dec-08	8120505	X
67-64-1	Acetone	BRL		µg/kg dry	35.4	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	35.4	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	35.4	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	35.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	35.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A27	127-17797-08009	Soil	03-Dec-08 13:05	04-Dec-08
SA88334-14				

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: 14.5 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.5	1	SW846 8260B	05-Dec-08	06-Dec-08	8120505	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	35.4	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	35.4	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	70.9	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	1420	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*	*126*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*110*		*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	415	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	415	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	415	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	415	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	415	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	415	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	415	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	415	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	415	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	415	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	415	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	415	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	415	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	415	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A27 SA88334-14	127-17797-08009	Soil	03-Dec-08 13:05	04-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	415	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	415	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	415	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	415	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	415	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	415	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	415	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	415	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	415	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	415	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	415	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	415	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	415	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	415	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	415	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	415	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	415	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	415	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	415	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	415	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	415	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	415	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	415	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	415	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	415	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	415	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	415	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	415	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	415	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	415	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	415	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	415	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	415	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	415	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	415	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	415	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	415	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	415	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	415	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	415	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	415	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	415	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	415	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	415	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1660	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	415	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	415	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1660	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	415	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	415	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A27 SA88334-14	127-17797-08009	Soil	03-Dec-08 13:05	04-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	415	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	415	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	415	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	415	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	415	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	415	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	415	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	415	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	415	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	415	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	415	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*71*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*62*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*75*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*55*		*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 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	25.1	1	SW846 8082	05-Dec-08	06-Dec-08	8120453	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)*	*95*		*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	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-A27 SA88334-14	127-17797-08009	Soil	03-Dec-08 13:05	04-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	16.7	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.7	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.7	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.7	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.7	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.7	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	16.7	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	16.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	16.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	16.7	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*59*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.88	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	2.32		mg/kg dry	1.88	1	"	"	"	"	X
7440-39-3	Barium	70.9		mg/kg dry	1.26	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.628	1	"	"	"	"	X
7440-47-3	Chromium	23.2		mg/kg dry	1.26	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0351	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	9.03		mg/kg dry	1.88	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	3.55		mg/kg dry	1.88	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	78.7		%		1	SM2540 G Mod.	08-Dec-08	09-Dec-08	8120671	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A28 SA88334-15	127-17797-08009	Soil	03-Dec-08 13:20	04-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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10			Initial weight: 13.05 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.9	1	SW846 8260B	05-Dec-08	06-Dec-08	8120505	X
67-64-1	Acetone	BRL		µg/kg dry	39.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.9	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	3.9	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	7.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	39.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	19.6	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.9	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	7.8	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	3.9	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	7.8	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	39.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	3.9	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	39.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	39.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.9	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A28 SA88334-15	127-17797-08009	Soil	03-Dec-08 13:20	04-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10		Initial weight: 13.05 g						
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.9	1	SW846 8260B	05-Dec-08	08-Dec-08	8120505	X
100-42-5	Styrene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.9	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	3.9	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	7.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	39.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	3.9	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	3.9	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	3.9	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	3.9	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	39.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	78.4	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	19.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1570	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*	*124*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*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	420	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	420	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	420	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	420	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	420	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	420	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	420	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	420	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	420	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	420	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	420	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	420	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	420	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	420	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A28 SA88334-15	127-17797-08009	Soil	03-Dec-08 13:20	04-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	420	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	420	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	420	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	420	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	420	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	420	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	420	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	420	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	420	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	420	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	420	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	420	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	420	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	420	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	420	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	420	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	420	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	420	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	420	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	420	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	420	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	420	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	420	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	420	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	420	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	420	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	420	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	420	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	420	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	420	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	420	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	420	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	420	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	420	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	420	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	420	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	420	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	420	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	420	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	420	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	420	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	420	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	420	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	420	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1680	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	420	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	420	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1680	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	420	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	420	1	"	"	"	"	X

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RSB-A28	127-17797-08009	Soil	03-Dec-08 13:20	04-Dec-08
SA88334-15				

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	420	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	420	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	420	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	420	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	420	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	420	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	420	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	420	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	420	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	420	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	420	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*43*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*42*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*47*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*36*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*35*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*44*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	24.9	1	SW846 8082	09-Dec-08	10-Dec-08	8120755	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)*	*64*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*57*		*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)*	*83*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A28 SA88334-15	127-17797-08009	Soil	03-Dec-08 13:20	04-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	16.9	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.9	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.9	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.9	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.9	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.9	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	16.9	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	16.9	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	16.9	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	16.9	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*52*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.84	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	2.88		mg/kg dry	1.84	1	"	"	"	"	X
7440-39-3	Barium	186		mg/kg dry	1.23	1	"	"	"	"	X
7440-43-9	Cadmium	0.762		mg/kg dry	0.615	1	"	"	"	"	X
7440-47-3	Chromium	35.7		mg/kg dry	1.23	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0355	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	15.8		mg/kg dry	1.84	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	5.09		mg/kg dry	1.84	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	77.6		%		1	SM2540 G Mod.	08-Dec-08	09-Dec-08	8120671	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A29 SA88334-16	127-17797-08009	Soil	03-Dec-08 13:30	04-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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10			Initial weight: 8.18 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.5	1	SW846 8260B	08-Dec-08	08-Dec-08	8120652	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A29	127-17797-08009	Soil	03-Dec-08 13:30	04-Dec-08
SA88334-16				

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: 8.18 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.5	1	SW846 8260B	08-Dec-08	08-Dec-08	8120652	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*	*93*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	465	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	465	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	465	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	465	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	465	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	465	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	465	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	465	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	465	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	465	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	465	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	465	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	465	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	465	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A29 SA88334-16	127-17797-08009	Soil	03-Dec-08 13:30	04-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	465	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	465	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	465	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	465	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	465	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	465	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	465	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	465	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	465	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	465	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	465	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	465	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	465	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	465	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	465	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	465	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	465	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	465	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	465	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	465	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	465	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	465	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	465	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	465	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	465	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	465	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	465	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	465	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	465	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	465	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	465	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	465	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	465	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	465	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	465	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	465	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	465	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	465	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	465	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	465	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	465	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	465	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	465	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	465	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1860	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	465	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	465	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1860	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	465	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	465	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A29 SA88334-16	127-17797-08009	Soil	03-Dec-08 13:30	04-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	465	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	465	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	465	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	465	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	465	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	465	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	465	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	465	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	465	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	465	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	465	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*66*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*59*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*70*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*54*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*57*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*69*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	28.0	1	SW846 8082	09-Dec-08	10-Dec-08	8120755	X
11104-28-2	PCB 1221	BRL		µg/kg dry	28.0	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	28.0	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	28.0	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	28.0	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	28.0	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	28.0	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	28.0	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	28.0	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*68*		*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	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)*	*95*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A29 SA88334-16	127-17797-08009	Soil	03-Dec-08 13:30	04-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	18.8	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	18.8	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	18.8	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	18.8	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	18.8	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	18.8	1	"	"	"	"	
	Unidentified	68.1		mg/kg dry	18.8	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	18.8	1	"	"	"	"	
	Total Petroleum Hydrocarbons	68.1		mg/kg dry	18.8	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	68.1		mg/kg dry	18.8	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*60*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.95	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	2.50		mg/kg dry	1.95	1	"	"	"	"	X
7440-39-3	Barium	63.9		mg/kg dry	1.30	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.652	1	"	"	"	"	X
7440-47-3	Chromium	21.2		mg/kg dry	1.30	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0385	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	10.7		mg/kg dry	1.95	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	3.47		mg/kg dry	1.95	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	69.9		%		1	SM2540 G Mod.	08-Dec-08	09-Dec-08	8120671	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A30	127-17797-08009	Soil	03-Dec-08 13:55	04-Dec-08
SA88334-17				

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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 10.45 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.8	1	SW846 8260B	05-Dec-08	06-Dec-08	8120505	X
67-64-1	Acetone	BRL		µg/kg dry	47.6	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	9.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	47.6	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	23.8	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	9.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.5	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	9.5	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	9.5	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	47.6	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	47.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	47.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.8	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A30 SA88334-17	127-17797-08009	Soil	03-Dec-08 13:55	04-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10			Initial weight: 10.45 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.8	1	SW846 8260B	05-Dec-08	08-Dec-08	8120505	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	9.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	47.6	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	47.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	95.2	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	23.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1900	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*	*126*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*111*		*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	435	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	435	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	435	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	435	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	435	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	435	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	435	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	435	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	435	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	435	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	435	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	435	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	435	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	435	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A30 SA88334-17	127-17797-08009	Soil	03-Dec-08 13:55	04-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	435	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	435	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	435	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	435	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	435	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	435	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	435	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	435	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	435	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	435	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	435	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	435	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	435	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	435	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	435	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	435	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	435	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	435	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	435	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	435	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	435	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	435	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	435	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	435	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	435	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	435	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	435	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	435	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	435	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	435	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	435	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	435	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	435	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	435	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	435	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	435	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	435	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	435	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	435	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	435	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	435	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	435	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	435	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	435	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1740	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	435	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	435	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1740	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	435	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	435	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A30 SA88334-17	127-17797-08009	Soil	03-Dec-08 13:55	04-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	435	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	435	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	435	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	435	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	435	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	435	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	435	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	435	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	435	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	435	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	435	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*42*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*38*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*46*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*35*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*36*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*43*		*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	25.1	1	SW846 8082	09-Dec-08	10-Dec-08	8120755	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)*	*65*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*63*		*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)*	*66*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A30 SA88334-17	127-17797-08009	Soil	03-Dec-08 13:55	04-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	17.5	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	17.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	17.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	17.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	17.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*55*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.89	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	3.33		mg/kg dry	1.89	1	"	"	"	"	X
7440-39-3	Barium	167		mg/kg dry	1.26	1	"	"	"	"	X
7440-43-9	Cadmium	0.723		mg/kg dry	0.629	1	"	"	"	"	X
7440-47-3	Chromium	38.3		mg/kg dry	1.26	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0368	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	14.7		mg/kg dry	1.89	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	5.30		mg/kg dry	1.89	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	75.7		%		1	SM2540 G Mod.	08-Dec-08	09-Dec-08	8120671	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A31 SA88334-18	127-17797-08009	Soil	03-Dec-08 14:10	04-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	04-Dec-08	04-Dec-08	8120448	
Volatile Organic Compounds			VC10			Initial weight: 10.06 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.4	1	SW846 8260B	05-Dec-08	06-Dec-08	8120505	X
67-64-1	Acetone	BRL		µg/kg dry	53.5	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	10.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	53.5	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	26.8	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	10.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.7	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	10.7	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	10.7	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	53.5	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	53.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	53.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.4	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A31 SA88334-18	127-17797-08009	Soil	03-Dec-08 14:10	04-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: 10.06 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.4	1	SW846 8260B	05-Dec-08	06-Dec-08	8120505	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	10.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	53.5	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	53.5	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	26.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2140	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*	*125*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*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	446	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	446	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	446	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	446	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	446	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	446	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	446	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	446	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	446	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	446	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	446	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	446	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	446	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	446	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A31 SA88334-18	127-17797-08009	Soil	03-Dec-08 14:10	04-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	446	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	446	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	446	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	446	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	446	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	446	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	446	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	446	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	446	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	446	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	446	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	446	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	446	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	446	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	446	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	446	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	446	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	446	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	446	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	446	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	446	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	446	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	446	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	446	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	446	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	446	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	446	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	446	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	446	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	446	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	446	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	446	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	446	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	446	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	446	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	446	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	446	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	446	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	446	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	446	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	446	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	446	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	446	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	446	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1780	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	446	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	446	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1780	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	446	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	446	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A31 SA88334-18	127-17797-08009	Soil	03-Dec-08 14:10	04-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	446	1	SW846 8270C	09-Dec-08	11-Dec-08	8120810	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	446	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	446	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	446	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	446	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	446	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	446	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	446	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	446	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	446	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	446	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*60*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*69*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*53*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*54*		*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	26.0	1	SW846 8082	09-Dec-08	10-Dec-08	8120755	X
11104-28-2	PCB 1221	BRL		µg/kg dry	26.0	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	26.0	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	26.0	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	26.0	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	26.0	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	26.0	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	26.0	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	26.0	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*62*		*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	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)*	*71*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A31 SA88334-18	127-17797-08009	Soil	03-Dec-08 14:10	04-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 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	18.0	1	+CT ETPH	09-Dec-08	15-Dec-08	8120811	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	18.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	18.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	18.0	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	18.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	18.0	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	18.0	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	18.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	18.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	18.0	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*54*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.93	1	SW846 6010B	11-Dec-08	12-Dec-08	8120550	X
7440-38-2	Arsenic	3.17		mg/kg dry	1.93	1	"	"	"	"	X
7440-39-3	Barium	219		mg/kg dry	1.29	1	"	"	"	"	X
7440-43-9	Cadmium	0.851		mg/kg dry	0.645	1	"	"	"	"	X
7440-47-3	Chromium	54.4		mg/kg dry	1.29	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0382	1	SW846 7471A	"	12-Dec-08	8120551	X
7439-92-1	Lead	17.7		mg/kg dry	1.93	1	SW846 6010B	"	12-Dec-08	8120550	X
7782-49-2	Selenium	6.18		mg/kg dry	1.93	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-Dec-08	22-Dec-08	8121708	
7440-39-3	Barium	0.174		mg/l	0.0350	1	SW846 1312/6010B	23-Dec-08	23-Dec-08	8121759	
7440-47-3	Chromium	0.0124		mg/l	0.0050	1	"	"	"	"	
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	72.3		%		1	SM2540 G Mod.	08-Dec-08	09-Dec-08	8120671	

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120504 - SW846 5035A Soil (low level)										
Blank (8120504-BLK1)										
Prepared & Analyzed: 05-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 8120504 - SW846 5035A Soil (low level)										
Blank (8120504-BLK1)										
Prepared & Analyzed: 05-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	*49.0*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*48.2*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*57.0*		µg/kg wet		*50.0*		*114*	*70-130*		
Surrogate: Dibromofluoromethane	*52.8*		µg/kg wet		*50.0*		*106*	*70-130*		
LCS (8120504-BS1)										
Prepared & Analyzed: 05-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.8		µg/kg wet		20.0		94	70-130		
Acetone	18.6		µg/kg wet		20.0		93	0-168		
Acrylonitrile	18.9		µg/kg wet		20.0		95	70-130		
Benzene	19.3		µg/kg wet		20.0		96	70-130		
Bromobenzene	18.1		µg/kg wet		20.0		90	70-130		
Bromochloromethane	17.2		µg/kg wet		20.0		86	70-130		
Bromodichloromethane	19.2		µg/kg wet		20.0		96	70-130		
Bromoform	19.3		µg/kg wet		20.0		97	70-130		
Bromomethane	15.2		µg/kg wet		20.0		76	40.9-138		
2-Butanone (MEK)	17.3		µg/kg wet		20.0		86	29.8-145		
n-Butylbenzene	18.8		µg/kg wet		20.0		94	70-130		
sec-Butylbenzene	17.8		µg/kg wet		20.0		89	70-130		
tert-Butylbenzene	17.4		µg/kg wet		20.0		87	70-130		
Carbon disulfide	19.7		µg/kg wet		20.0		98	70-130		
Carbon tetrachloride	20.7		µg/kg wet		20.0		103	70-130		
Chlorobenzene	19.3		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 8120504 - SW846 5035A Soil (low level)										
LCS (8120504-BS1)										
Prepared & Analyzed: 05-Dec-08										
Chloroethane	16.3		µg/kg wet		20.0		81	47.5-130		
Chloroform	18.0		µg/kg wet		20.0		90	70-130		
Chloromethane	14.1		µg/kg wet		20.0		70	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	18.7		µg/kg wet		20.0		94	70-130		
Dibromochloromethane	18.6		µg/kg wet		20.0		93	66.2-130		
1,2-Dibromoethane (EDB)	17.5		µg/kg wet		20.0		88	70-130		
Dibromomethane	18.1		µg/kg wet		20.0		90	70-130		
1,2-Dichlorobenzene	18.8		µg/kg wet		20.0		94	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		94	70-130		
Dichlorodifluoromethane (Freon12)	14.5		µg/kg wet		20.0		72	32-158		
1,1-Dichloroethane	18.9		µg/kg wet		20.0		95	70-130		
1,2-Dichloroethane	18.0		µg/kg wet		20.0		90	70-130		
1,1-Dichloroethene	19.2		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	20.2		µg/kg wet		20.0		101	70-130		
1,2-Dichloropropane	19.5		µg/kg wet		20.0		97	70-130		
1,3-Dichloropropane	17.5		µg/kg wet		20.0		87	70-130		
2,2-Dichloropropane	18.5		µg/kg wet		20.0		93	70-130		
1,1-Dichloropropene	19.8		µg/kg wet		20.0		99	70-130		
cis-1,3-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130		
trans-1,3-Dichloropropene	18.9		µg/kg wet		20.0		94	70-130		
Ethylbenzene	19.5		µg/kg wet		20.0		97	70-130		
Hexachlorobutadiene	16.9		µg/kg wet		20.0		84	53.6-138		
2-Hexanone (MBK)	16.1		µg/kg wet		20.0		80	70-130		
Isopropylbenzene	19.5		µg/kg wet		20.0		98	70-130		
4-Isopropyltoluene	18.7		µg/kg wet		20.0		94	70-130		
Methyl tert-butyl ether	19.8		µg/kg wet		20.0		99	70-130		
4-Methyl-2-pentanone (MIBK)	18.5		µg/kg wet		20.0		92	53.5-137		
Methylene chloride	16.9		µg/kg wet		20.0		84	70-130		
Naphthalene	17.0		µg/kg wet		20.0		85	70-130		
n-Propylbenzene	18.8		µg/kg wet		20.0		94	70-130		
Styrene	18.7		µg/kg wet		20.0		93	70-130		
1,1,1,2-Tetrachloroethane	20.0		µg/kg wet		20.0		100	70-130		
1,1,2,2-Tetrachloroethane	18.5		µg/kg wet		20.0		92	70-130		
Tetrachloroethene	17.8		µg/kg wet		20.0		89	70-130		
Toluene	15.9		µg/kg wet		20.0		80	70-130		
1,2,3-Trichlorobenzene	17.9		µg/kg wet		20.0		90	70-130		
1,2,4-Trichlorobenzene	18.1		µg/kg wet		20.0		90	70-130		
1,3,5-Trichlorobenzene	19.0		µg/kg wet		20.0		95	70-130		
1,1,1-Trichloroethane	20.0		µg/kg wet		20.0		100	70-130		
1,1,2-Trichloroethane	18.6		µg/kg wet		20.0		93	70-130		
Trichloroethene	19.6		µg/kg wet		20.0		98	70-130		
Trichlorofluoromethane (Freon 11)	18.9		µg/kg wet		20.0		94	50.9-138		
1,2,3-Trichloropropane	16.6		µg/kg wet		20.0		83	70-130		
1,2,4-Trimethylbenzene	17.5		µg/kg wet		20.0		88	70-130		
1,3,5-Trimethylbenzene	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 8120504 - SW846 5035A Soil (low level)										
LCS (8120504-BS1)										
Prepared & Analyzed: 05-Dec-08										
Vinyl chloride	15.5		µg/kg wet		20.0		77	70-130		
m,p-Xylene	37.8		µg/kg wet		40.0		95	70-130		
o-Xylene	18.4		µg/kg wet		20.0		92	70-130		
Tetrahydrofuran	17.0		µg/kg wet		20.0		85	70-130		
Ethyl ether	21.1		µg/kg wet		20.0		105	61.4-130		
Tert-amyl methyl ether	17.7		µg/kg wet		20.0		89	70-130		
Ethyl tert-butyl ether	20.5		µg/kg wet		20.0		102	70-130		
Di-isopropyl ether	20.9		µg/kg wet		20.0		104	70-130		
Tert-Butanol / butyl alcohol	182		µg/kg wet		200		91	70-130		
1,4-Dioxane	176		µg/kg wet		200		88	48.3-142		
trans-1,4-Dichloro-2-butene	16.8		µg/kg wet		20.0		84	70-130		
Ethanol	317		µg/kg wet		400		79	70-130		
Surrogate: 4-Bromofluorobenzene	*47.9*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*46.7*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.2*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*48.1*		µg/kg wet		*50.0*		*96*	*70-130*		
LCS Dup (8120504-BSD1)										
Prepared & Analyzed: 05-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.1		µg/kg wet		20.0		96	70-130	2	25
Acetone	11.2		µg/kg wet		20.0		56	0-168	49	50
Acrylonitrile	18.2		µg/kg wet		20.0		91	70-130	4	25
Benzene	19.6		µg/kg wet		20.0		98	70-130	2	25
Bromobenzene	17.6		µg/kg wet		20.0		88	70-130	3	25
Bromochloromethane	16.9		µg/kg wet		20.0		85	70-130	2	25
Bromodichloromethane	19.3		µg/kg wet		20.0		96	70-130	0.7	25
Bromoform	18.8		µg/kg wet		20.0		94	70-130	3	25
Bromomethane	15.9		µg/kg wet		20.0		80	40.9-138	4	50
2-Butanone (MEK)	17.8		µg/kg wet		20.0		89	29.8-145	3	50
n-Butylbenzene	19.2		µg/kg wet		20.0		96	70-130	2	25
sec-Butylbenzene	18.8		µg/kg wet		20.0		94	70-130	6	25
tert-Butylbenzene	18.2		µg/kg wet		20.0		91	70-130	4	25
Carbon disulfide	20.4		µg/kg wet		20.0		102	70-130	3	25
Carbon tetrachloride	21.0		µg/kg wet		20.0		105	70-130	1	25
Chlorobenzene	19.4		µg/kg wet		20.0		97	70-130	0.3	25
Chloroethane	16.4		µg/kg wet		20.0		82	47.5-130	0.7	50
Chloroform	17.9		µg/kg wet		20.0		90	70-130	0.2	25
Chloromethane	14.5		µg/kg wet		20.0		72	70-130	3	25
2-Chlorotoluene	19.3		µg/kg wet		20.0		96	70-130	4	25
4-Chlorotoluene	18.3		µg/kg wet		20.0		92	70-130	3	25
1,2-Dibromo-3-chloropropane	16.4		µg/kg wet		20.0		82	70-130	13	25
Dibromochloromethane	17.5		µg/kg wet		20.0		88	66.2-130	6	50
1,2-Dibromoethane (EDB)	16.2		µg/kg wet		20.0		81	70-130	8	25
Dibromomethane	16.5		µg/kg wet		20.0		82	70-130	9	25
1,2-Dichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	1	25
1,3-Dichlorobenzene	17.1		µg/kg wet		20.0		86	70-130	2	25
1,4-Dichlorobenzene	18.8		µg/kg wet		20.0		94	70-130	0.6	25
Dichlorodifluoromethane (Freon12)	15.4		µg/kg wet		20.0		77	32-158	6	50
1,1-Dichloroethane	18.0		µg/kg wet		20.0		90	70-130	5	25
1,2-Dichloroethane	18.3		µg/kg wet		20.0		92	70-130	1	25
1,1-Dichloroethene	20.2		µg/kg wet		20.0		101	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 8120504 - SW846 5035A Soil (low level)										
LCS Dup (8120504-BSD1)										
Prepared & Analyzed: 05-Dec-08										
cis-1,2-Dichloroethene	17.6		µg/kg wet		20.0		88	70-130	8	25
trans-1,2-Dichloroethene	20.3		µg/kg wet		20.0		101	70-130	0.4	25
1,2-Dichloropropane	19.8		µg/kg wet		20.0		99	70-130	2	25
1,3-Dichloropropane	16.6		µg/kg wet		20.0		83	70-130	5	25
2,2-Dichloropropane	18.3		µg/kg wet		20.0		92	70-130	1	25
1,1-Dichloropropene	19.9		µg/kg wet		20.0		99	70-130	0.3	25
cis-1,3-Dichloropropene	18.0		µg/kg wet		20.0		90	70-130	3	25
trans-1,3-Dichloropropene	17.8		µg/kg wet		20.0		89	70-130	6	25
Ethylbenzene	19.5		µg/kg wet		20.0		98	70-130	0.2	25
Hexachlorobutadiene	17.2		µg/kg wet		20.0		86	53.6-138	2	50
2-Hexanone (MBK)	15.4		µg/kg wet		20.0		77	70-130	4	25
Isopropylbenzene	20.1		µg/kg wet		20.0		101	70-130	3	25
4-Isopropyltoluene	18.9		µg/kg wet		20.0		94	70-130	0.7	25
Methyl tert-butyl ether	20.0		µg/kg wet		20.0		100	70-130	1	25
4-Methyl-2-pentanone (MIBK)	16.8		µg/kg wet		20.0		84	53.5-137	10	50
Methylene chloride	17.6		µg/kg wet		20.0		88	70-130	4	25
Naphthalene	15.7		µg/kg wet		20.0		78	70-130	8	25
n-Propylbenzene	19.0		µg/kg wet		20.0		95	70-130	2	25
Styrene	18.6		µg/kg wet		20.0		93	70-130	0.3	25
1,1,1,2-Tetrachloroethane	19.7		µg/kg wet		20.0		99	70-130	1	25
1,1,2,2-Tetrachloroethane	17.9		µg/kg wet		20.0		90	70-130	3	25
Tetrachloroethene	17.9		µg/kg wet		20.0		89	70-130	0.6	25
Toluene	16.4		µg/kg wet		20.0		82	70-130	3	25
1,2,3-Trichlorobenzene	16.8		µg/kg wet		20.0		84	70-130	6	25
1,2,4-Trichlorobenzene	17.4		µg/kg wet		20.0		87	70-130	4	25
1,3,5-Trichlorobenzene	19.4		µg/kg wet		20.0		97	70-130	2	25
1,1,1-Trichloroethane	19.8		µg/kg wet		20.0		99	70-130	0.7	25
1,1,2-Trichloroethane	17.1		µg/kg wet		20.0		85	70-130	8	25
Trichloroethene	18.9		µg/kg wet		20.0		95	70-130	4	25
Trichlorofluoromethane (Freon 11)	19.6		µg/kg wet		20.0		98	50.9-138	4	50
1,2,3-Trichloropropane	16.2		µg/kg wet		20.0		81	70-130	3	25
1,2,4-Trimethylbenzene	18.4		µg/kg wet		20.0		92	70-130	5	25
1,3,5-Trimethylbenzene	18.4		µg/kg wet		20.0		92	70-130	2	25
Vinyl chloride	16.4		µg/kg wet		20.0		82	70-130	6	25
m,p-Xylene	39.0		µg/kg wet		40.0		97	70-130	3	25
o-Xylene	19.2		µg/kg wet		20.0		96	70-130	4	25
Tetrahydrofuran	15.4		µg/kg wet		20.0		77	70-130	10	25
Ethyl ether	19.2		µg/kg wet		20.0		96	61.4-130	9	50
Tert-amyl methyl ether	16.0		µg/kg wet		20.0		80	70-130	10	25
Ethyl tert-butyl ether	19.8		µg/kg wet		20.0		99	70-130	4	25
Di-isopropyl ether	21.0		µg/kg wet		20.0		105	70-130	0.4	25
Tert-Butanol / butyl alcohol	178		µg/kg wet		200		89	70-130	2	25
1,4-Dioxane	154		µg/kg wet		200		77	48.3-142	13	25
trans-1,4-Dichloro-2-butene	17.5		µg/kg wet		20.0		87	70-130	4	25
Ethanol	324		µg/kg wet		400		81	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*47.7*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*47.2*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.2*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*49.3*		µg/kg wet		*50.0*		*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 8120505 - SW846 5035A Soil (low level)										
Blank (8120505-BLK1)										
Prepared & Analyzed: 05-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 8120505 - SW846 5035A Soil (low level)										
Blank (8120505-BLK1)										
Prepared & Analyzed: 05-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	*47.5*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*47.3*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*57.8*		µg/kg wet		*50.0*		*116*	*70-130*		
Surrogate: Dibromofluoromethane	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS (8120505-BS1)										
Prepared & Analyzed: 05-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.2		µg/kg wet		20.0		106	70-130		
Acetone	10.8		µg/kg wet		20.0		54	0-168		
Acrylonitrile	15.4		µg/kg wet		20.0		77	70-130		
Benzene	19.6		µg/kg wet		20.0		98	70-130		
Bromobenzene	18.0		µg/kg wet		20.0		90	70-130		
Bromochloromethane	16.2		µg/kg wet		20.0		81	70-130		
Bromodichloromethane	18.1		µg/kg wet		20.0		90	70-130		
Bromoform	17.1		µg/kg wet		20.0		86	70-130		
Bromomethane	14.7		µg/kg wet		20.0		74	40.9-138		
2-Butanone (MEK)	13.1		µg/kg wet		20.0		66	29.8-145		
n-Butylbenzene	19.8		µg/kg wet		20.0		99	70-130		
sec-Butylbenzene	18.2		µg/kg wet		20.0		91	70-130		
tert-Butylbenzene	17.7		µg/kg wet		20.0		88	70-130		
Carbon disulfide	20.2		µg/kg wet		20.0		101	70-130		
Carbon tetrachloride	21.7		µg/kg wet		20.0		108	70-130		
Chlorobenzene	19.0		µg/kg wet		20.0		95	70-130		
Chloroethane	16.4		µg/kg wet		20.0		82	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 8120505 - SW846 5035A Soil (low level)										
LCS (8120505-BS1)										
Prepared & Analyzed: 05-Dec-08										
Chloroform	17.4		µg/kg wet		20.0		87	70-130		
Chloromethane	13.4	QC1	µg/kg wet		20.0		67	70-130		
2-Chlorotoluene	19.2		µg/kg wet		20.0		96	70-130		
4-Chlorotoluene	18.1		µg/kg wet		20.0		90	70-130		
1,2-Dibromo-3-chloropropane	16.4		µg/kg wet		20.0		82	70-130		
Dibromochloromethane	16.5		µg/kg wet		20.0		83	66.2-130		
1,2-Dibromoethane (EDB)	15.4		µg/kg wet		20.0		77	70-130		
Dibromomethane	15.9		µg/kg wet		20.0		80	70-130		
1,2-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130		
1,3-Dichlorobenzene	16.9		µg/kg wet		20.0		85	70-130		
1,4-Dichlorobenzene	19.3		µg/kg wet		20.0		97	70-130		
Dichlorodifluoromethane (Freon12)	13.3		µg/kg wet		20.0		66	32-158		
1,1-Dichloroethane	18.4		µg/kg wet		20.0		92	70-130		
1,2-Dichloroethane	16.9		µg/kg wet		20.0		84	70-130		
1,1-Dichloroethene	20.7		µg/kg wet		20.0		103	70-130		
cis-1,2-Dichloroethene	18.3		µg/kg wet		20.0		92	70-130		
trans-1,2-Dichloroethene	21.1		µg/kg wet		20.0		106	70-130		
1,2-Dichloropropane	19.0		µg/kg wet		20.0		95	70-130		
1,3-Dichloropropane	15.6		µg/kg wet		20.0		78	70-130		
2,2-Dichloropropane	18.5		µg/kg wet		20.0		92	70-130		
1,1-Dichloropropene	20.7		µg/kg wet		20.0		104	70-130		
cis-1,3-Dichloropropene	17.3		µg/kg wet		20.0		86	70-130		
trans-1,3-Dichloropropene	16.4		µg/kg wet		20.0		82	70-130		
Ethylbenzene	19.9		µg/kg wet		20.0		99	70-130		
Hexachlorobutadiene	17.2		µg/kg wet		20.0		86	53.6-138		
2-Hexanone (MBK)	14.6		µg/kg wet		20.0		73	70-130		
Isopropylbenzene	20.0		µg/kg wet		20.0		100	70-130		
4-Isopropyltoluene	19.1		µg/kg wet		20.0		96	70-130		
Methyl tert-butyl ether	17.5		µg/kg wet		20.0		88	70-130		
4-Methyl-2-pentanone (MIBK)	16.4		µg/kg wet		20.0		82	53.5-137		
Methylene chloride	16.0		µg/kg wet		20.0		80	70-130		
Naphthalene	16.1		µg/kg wet		20.0		80	70-130		
n-Propylbenzene	19.3		µg/kg wet		20.0		96	70-130		
Styrene	14.0		µg/kg wet		20.0		70	70-130		
1,1,1,2-Tetrachloroethane	19.6		µg/kg wet		20.0		98	70-130		
1,1,2,2-Tetrachloroethane	17.0		µg/kg wet		20.0		85	70-130		
Tetrachloroethene	18.7		µg/kg wet		20.0		93	70-130		
Toluene	16.6		µg/kg wet		20.0		83	70-130		
1,2,3-Trichlorobenzene	16.8		µg/kg wet		20.0		84	70-130		
1,2,4-Trichlorobenzene	17.7		µg/kg wet		20.0		89	70-130		
1,3,5-Trichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
1,1,1-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,1,2-Trichloroethane	16.1		µg/kg wet		20.0		80	70-130		
Trichloroethene	18.9		µg/kg wet		20.0		94	70-130		
Trichlorofluoromethane (Freon 11)	20.1		µg/kg wet		20.0		101	50.9-138		
1,2,3-Trichloropropane	14.6		µg/kg wet		20.0		73	70-130		
1,2,4-Trimethylbenzene	18.0		µg/kg wet		20.0		90	70-130		
1,3,5-Trimethylbenzene	18.5		µg/kg wet		20.0		92	70-130		
Vinyl chloride	15.8		µg/kg wet		20.0		79	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120505 - SW846 5035A Soil (low level)										
LCS (8120505-BS1)										
Prepared & Analyzed: 05-Dec-08										
m,p-Xylene	38.9		µg/kg wet		40.0		97	70-130		
o-Xylene	19.0		µg/kg wet		20.0		95	70-130		
Tetrahydrofuran	10.7	QC1	µg/kg wet		20.0		54	70-130		
Ethyl ether	18.5		µg/kg wet		20.0		93	61.4-130		
Tert-amyl methyl ether	17.9		µg/kg wet		20.0		90	70-130		
Ethyl tert-butyl ether	17.8		µg/kg wet		20.0		89	70-130		
Di-isopropyl ether	19.6		µg/kg wet		20.0		98	70-130		
Tert-Butanol / butyl alcohol	140		µg/kg wet		200		70	70-130		
1,4-Dioxane	160		µg/kg wet		200		80	48.3-142		
trans-1,4-Dichloro-2-butene	14.4		µg/kg wet		20.0		72	70-130		
Ethanol	307		µg/kg wet		400		77	70-130		
Surrogate: 4-Bromofluorobenzene	*47.6*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*46.7*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.6*		µg/kg wet		*50.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*48.4*		µg/kg wet		*50.0*		*97*	*70-130*		
LCS Dup (8120505-BSD1)										
Prepared & Analyzed: 05-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.5		µg/kg wet		20.0		108	70-130	2	25
Acetone	12.6		µg/kg wet		20.0		63	0-168	16	50
Acrylonitrile	18.0		µg/kg wet		20.0		90	70-130	16	25
Benzene	20.3		µg/kg wet		20.0		102	70-130	4	25
Bromobenzene	19.3		µg/kg wet		20.0		97	70-130	7	25
Bromochloromethane	16.7		µg/kg wet		20.0		84	70-130	3	25
Bromodichloromethane	19.8		µg/kg wet		20.0		99	70-130	9	25
Bromoform	19.1		µg/kg wet		20.0		96	70-130	11	25
Bromomethane	16.8		µg/kg wet		20.0		84	40.9-138	13	50
2-Butanone (MEK)	17.7		µg/kg wet		20.0		89	29.8-145	30	50
n-Butylbenzene	22.5		µg/kg wet		20.0		112	70-130	13	25
sec-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130	13	25
tert-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130	13	25
Carbon disulfide	21.1		µg/kg wet		20.0		106	70-130	5	25
Carbon tetrachloride	21.5		µg/kg wet		20.0		108	70-130	0.6	25
Chlorobenzene	21.0		µg/kg wet		20.0		105	70-130	10	25
Chloroethane	17.9		µg/kg wet		20.0		89	47.5-130	8	50
Chloroform	18.8		µg/kg wet		20.0		94	70-130	8	25
Chloromethane	14.0		µg/kg wet		20.0		70	70-130	4	25
2-Chlorotoluene	20.6		µg/kg wet		20.0		103	70-130	7	25
4-Chlorotoluene	20.2		µg/kg wet		20.0		101	70-130	11	25
1,2-Dibromo-3-chloropropane	19.8		µg/kg wet		20.0		99	70-130	19	25
Dibromochloromethane	19.2		µg/kg wet		20.0		96	66.2-130	15	50
1,2-Dibromoethane (EDB)	17.6		µg/kg wet		20.0		88	70-130	13	25
Dibromomethane	19.0		µg/kg wet		20.0		95	70-130	17	25
1,2-Dichlorobenzene	20.8		µg/kg wet		20.0		104	70-130	8	25
1,3-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130	12	25
1,4-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	9	25
Dichlorodifluoromethane (Freon12)	13.7		µg/kg wet		20.0		68	32-158	3	50
1,1-Dichloroethane	19.3		µg/kg wet		20.0		96	70-130	5	25
1,2-Dichloroethane	18.6		µg/kg wet		20.0		93	70-130	10	25
1,1-Dichloroethene	21.8		µg/kg wet		20.0		109	70-130	6	25
cis-1,2-Dichloroethene	19.4		µg/kg wet		20.0		97	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 8120505 - SW846 5035A Soil (low level)										
LCS Dup (8120505-BSD1)										
Prepared & Analyzed: 05-Dec-08										
trans-1,2-Dichloroethene	21.5		µg/kg wet		20.0		108	70-130	2	25
1,2-Dichloropropane	19.5		µg/kg wet		20.0		97	70-130	2	25
1,3-Dichloropropane	18.2		µg/kg wet		20.0		91	70-130	15	25
2,2-Dichloropropane	19.2		µg/kg wet		20.0		96	70-130	4	25
1,1-Dichloropropene	20.8		µg/kg wet		20.0		104	70-130	0.5	25
cis-1,3-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130	8	25
trans-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130	15	25
Ethylbenzene	21.4		µg/kg wet		20.0		107	70-130	7	25
Hexachlorobutadiene	20.0		µg/kg wet		20.0		100	53.6-138	15	50
2-Hexanone (MBK)	18.4		µg/kg wet		20.0		92	70-130	23	25
Isopropylbenzene	22.1		µg/kg wet		20.0		111	70-130	10	25
4-Isopropyltoluene	21.0		µg/kg wet		20.0		105	70-130	9	25
Methyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130	9	25
4-Methyl-2-pentanone (MIBK)	17.2		µg/kg wet		20.0		86	53.5-137	4	50
Methylene chloride	17.3		µg/kg wet		20.0		87	70-130	8	25
Naphthalene	18.3		µg/kg wet		20.0		92	70-130	13	25
n-Propylbenzene	21.6		µg/kg wet		20.0		108	70-130	11	25
Styrene	20.8	QR2	µg/kg wet		20.0		104	70-130	39	25
1,1,1,2-Tetrachloroethane	20.6		µg/kg wet		20.0		103	70-130	5	25
1,1,2,2-Tetrachloroethane	19.2		µg/kg wet		20.0		96	70-130	12	25
Tetrachloroethene	20.2		µg/kg wet		20.0		101	70-130	8	25
Toluene	18.5		µg/kg wet		20.0		92	70-130	11	25
1,2,3-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	18	25
1,2,4-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	13	25
1,3,5-Trichlorobenzene	21.3		µg/kg wet		20.0		107	70-130	9	25
1,1,1-Trichloroethane	20.6		µg/kg wet		20.0		103	70-130	2	25
1,1,2-Trichloroethane	18.3		µg/kg wet		20.0		91	70-130	13	25
Trichloroethene	19.9		µg/kg wet		20.0		100	70-130	5	25
Trichlorofluoromethane (Freon 11)	21.1		µg/kg wet		20.0		106	50.9-138	5	50
1,2,3-Trichloropropane	17.1		µg/kg wet		20.0		85	70-130	16	25
1,2,4-Trimethylbenzene	20.1		µg/kg wet		20.0		100	70-130	11	25
1,3,5-Trimethylbenzene	20.3		µg/kg wet		20.0		101	70-130	9	25
Vinyl chloride	16.8		µg/kg wet		20.0		84	70-130	7	25
m,p-Xylene	43.4		µg/kg wet		40.0		109	70-130	11	25
o-Xylene	20.6		µg/kg wet		20.0		103	70-130	8	25
Tetrahydrofuran	18.8	QR5	µg/kg wet		20.0		94	70-130	55	25
Ethyl ether	19.3		µg/kg wet		20.0		96	61.4-130	4	50
Tert-amyl methyl ether	19.1		µg/kg wet		20.0		96	70-130	7	25
Ethyl tert-butyl ether	18.9		µg/kg wet		20.0		94	70-130	6	25
Di-isopropyl ether	20.9		µg/kg wet		20.0		105	70-130	6	25
Tert-Butanol / butyl alcohol	191	QR2	µg/kg wet		200		96	70-130	31	25
1,4-Dioxane	195		µg/kg wet		200		97	48.3-142	20	25
trans-1,4-Dichloro-2-butene	17.9		µg/kg wet		20.0		90	70-130	22	25
Ethanol	310		µg/kg wet		400		78	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*48.2*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*48.9*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.8*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*49.0*		µg/kg wet		*50.0*		*98*	*70-130*		
Batch 8120652 - SW846 5035A Soil (low level)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120652 - SW846 5035A Soil (low level)										
Blank (8120652-BLK1)										
Prepared & Analyzed: 08-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 8120652 - SW846 5035A Soil (low level)										
Blank (8120652-BLK1)										
Prepared & Analyzed: 08-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	*43.9*		µg/kg wet		*50.0*		*88*	*70-130*		
Surrogate: Toluene-d8	*45.8*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.0*		µg/kg wet		*50.0*		*112*	*70-130*		
Surrogate: Dibromofluoromethane	*50.9*		µg/kg wet		*50.0*		*102*	*70-130*		
LCS (8120652-BS1)										
Prepared & Analyzed: 08-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.9		µg/kg wet		20.0		94	70-130		
Acetone	11.9		µg/kg wet		20.0		60	0-168		
Acrylonitrile	16.3		µg/kg wet		20.0		82	70-130		
Benzene	19.9		µg/kg wet		20.0		100	70-130		
Bromobenzene	18.8		µg/kg wet		20.0		94	70-130		
Bromochloromethane	16.6		µg/kg wet		20.0		83	70-130		
Bromodichloromethane	19.3		µg/kg wet		20.0		96	70-130		
Bromoform	18.7		µg/kg wet		20.0		94	70-130		
Bromomethane	16.8		µg/kg wet		20.0		84	40.9-138		
2-Butanone (MEK)	16.6		µg/kg wet		20.0		83	29.8-145		
n-Butylbenzene	20.4		µg/kg wet		20.0		102	70-130		
sec-Butylbenzene	19.2		µg/kg wet		20.0		96	70-130		
tert-Butylbenzene	18.7		µg/kg wet		20.0		93	70-130		
Carbon disulfide	20.7		µg/kg wet		20.0		103	70-130		
Carbon tetrachloride	20.4		µg/kg wet		20.0		102	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 8120652 - SW846 5035A Soil (low level)										
LCS (8120652-BS1)										
Prepared & Analyzed: 08-Dec-08										
Chloroethane	17.8		µg/kg wet		20.0		89	47.5-130		
Chloroform	17.9		µg/kg wet		20.0		89	70-130		
Chloromethane	15.0		µg/kg wet		20.0		75	70-130		
2-Chlorotoluene	19.4		µg/kg wet		20.0		97	70-130		
4-Chlorotoluene	19.1		µg/kg wet		20.0		96	70-130		
1,2-Dibromo-3-chloropropane	19.7		µg/kg wet		20.0		99	70-130		
Dibromochloromethane	17.6		µg/kg wet		20.0		88	66.2-130		
1,2-Dibromoethane (EDB)	17.0		µg/kg wet		20.0		85	70-130		
Dibromomethane	17.7		µg/kg wet		20.0		88	70-130		
1,2-Dichlorobenzene	18.7		µg/kg wet		20.0		93	70-130		
1,3-Dichlorobenzene	18.2		µg/kg wet		20.0		91	70-130		
1,4-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130		
Dichlorodifluoromethane (Freon12)	14.8		µg/kg wet		20.0		74	32-158		
1,1-Dichloroethane	18.9		µg/kg wet		20.0		94	70-130		
1,2-Dichloroethane	18.2		µg/kg wet		20.0		91	70-130		
1,1-Dichloroethene	21.2		µg/kg wet		20.0		106	70-130		
cis-1,2-Dichloroethene	18.8		µg/kg wet		20.0		94	70-130		
trans-1,2-Dichloroethene	21.1		µg/kg wet		20.0		106	70-130		
1,2-Dichloropropane	19.3		µg/kg wet		20.0		96	70-130		
1,3-Dichloropropane	16.8		µg/kg wet		20.0		84	70-130		
2,2-Dichloropropane	18.4		µg/kg wet		20.0		92	70-130		
1,1-Dichloropropene	20.5		µg/kg wet		20.0		103	70-130		
cis-1,3-Dichloropropene	17.5		µg/kg wet		20.0		87	70-130		
trans-1,3-Dichloropropene	18.5		µg/kg wet		20.0		92	70-130		
Ethylbenzene	20.3		µg/kg wet		20.0		102	70-130		
Hexachlorobutadiene	18.1		µg/kg wet		20.0		91	53.6-138		
2-Hexanone (MBK)	15.8		µg/kg wet		20.0		79	70-130		
Isopropylbenzene	20.7		µg/kg wet		20.0		104	70-130		
4-Isopropyltoluene	19.4		µg/kg wet		20.0		97	70-130		
Methyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130		
4-Methyl-2-pentanone (MIBK)	14.4		µg/kg wet		20.0		72	53.5-137		
Methylene chloride	16.9		µg/kg wet		20.0		85	70-130		
Naphthalene	17.3		µg/kg wet		20.0		86	70-130		
n-Propylbenzene	20.0		µg/kg wet		20.0		100	70-130		
Styrene	19.4		µg/kg wet		20.0		97	70-130		
1,1,1,2-Tetrachloroethane	19.7		µg/kg wet		20.0		98	70-130		
1,1,2,2-Tetrachloroethane	18.3		µg/kg wet		20.0		92	70-130		
Tetrachloroethene	17.9		µg/kg wet		20.0		90	70-130		
Toluene	17.0		µg/kg wet		20.0		85	70-130		
1,2,3-Trichlorobenzene	17.8		µg/kg wet		20.0		89	70-130		
1,2,4-Trichlorobenzene	17.7		µg/kg wet		20.0		88	70-130		
1,3,5-Trichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
1,1,1-Trichloroethane	20.3		µg/kg wet		20.0		101	70-130		
1,1,2-Trichloroethane	17.1		µg/kg wet		20.0		86	70-130		
Trichloroethene	19.3		µg/kg wet		20.0		97	70-130		
Trichlorofluoromethane (Freon 11)	20.5		µg/kg wet		20.0		102	50.9-138		
1,2,3-Trichloropropane	17.0		µg/kg wet		20.0		85	70-130		
1,2,4-Trimethylbenzene	19.1		µg/kg wet		20.0		95	70-130		
1,3,5-Trimethylbenzene	19.6		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 8120652 - SW846 5035A Soil (low level)										
LCS (8120652-BS1)										
Prepared & Analyzed: 08-Dec-08										
Vinyl chloride	16.1		µg/kg wet		20.0		80	70-130		
m,p-Xylene	40.7		µg/kg wet		40.0		102	70-130		
o-Xylene	19.3		µg/kg wet		20.0		97	70-130		
Tetrahydrofuran	17.2		µg/kg wet		20.0		86	70-130		
Ethyl ether	19.6		µg/kg wet		20.0		98	61.4-130		
Tert-amyl methyl ether	19.4		µg/kg wet		20.0		97	70-130		
Ethyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130		
Di-isopropyl ether	20.6		µg/kg wet		20.0		103	70-130		
Tert-Butanol / butyl alcohol	177		µg/kg wet		200		88	70-130		
1,4-Dioxane	177		µg/kg wet		200		88	48.3-142		
trans-1,4-Dichloro-2-butene	17.3		µg/kg wet		20.0		86	70-130		
Ethanol	330		µg/kg wet		400		83	70-130		
Surrogate: 4-Bromofluorobenzene	*48.0*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*47.8*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.4*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*49.2*		µg/kg wet		*50.0*		*98*	*70-130*		
LCS Dup (8120652-BSD1)										
Prepared & Analyzed: 08-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.4		µg/kg wet		20.0		92	70-130	2	25
Acetone	7.9		µg/kg wet		20.0		39	0-168	41	50
Acrylonitrile	15.5		µg/kg wet		20.0		78	70-130	5	25
Benzene	19.6		µg/kg wet		20.0		98	70-130	2	25
Bromobenzene	17.1		µg/kg wet		20.0		85	70-130	10	25
Bromochloromethane	15.2		µg/kg wet		20.0		76	70-130	9	25
Bromodichloromethane	18.0		µg/kg wet		20.0		90	70-130	7	25
Bromoform	16.6		µg/kg wet		20.0		83	70-130	12	25
Bromomethane	15.2		µg/kg wet		20.0		76	40.9-138	10	50
2-Butanone (MEK)	15.5		µg/kg wet		20.0		78	29.8-145	7	50
n-Butylbenzene	19.5		µg/kg wet		20.0		98	70-130	5	25
sec-Butylbenzene	17.4		µg/kg wet		20.0		87	70-130	10	25
tert-Butylbenzene	17.2		µg/kg wet		20.0		86	70-130	8	25
Carbon disulfide	19.2		µg/kg wet		20.0		96	70-130	8	25
Carbon tetrachloride	20.1		µg/kg wet		20.0		101	70-130	2	25
Chlorobenzene	18.6		µg/kg wet		20.0		93	70-130	7	25
Chloroethane	15.8		µg/kg wet		20.0		79	47.5-130	11	50
Chloroform	17.0		µg/kg wet		20.0		85	70-130	5	25
Chloromethane	13.2	QC1	µg/kg wet		20.0		66	70-130	13	25
2-Chlorotoluene	18.2		µg/kg wet		20.0		91	70-130	6	25
4-Chlorotoluene	17.5		µg/kg wet		20.0		88	70-130	9	25
1,2-Dibromo-3-chloropropane	16.6		µg/kg wet		20.0		83	70-130	17	25
Dibromochloromethane	16.8		µg/kg wet		20.0		84	68.2-130	4	50
1,2-Dibromoethane (EDB)	14.9		µg/kg wet		20.0		75	70-130	13	25
Dibromomethane	16.8		µg/kg wet		20.0		84	70-130	5	25
1,2-Dichlorobenzene	18.1		µg/kg wet		20.0		91	70-130	3	25
1,3-Dichlorobenzene	15.9		µg/kg wet		20.0		79	70-130	14	25
1,4-Dichlorobenzene	18.7		µg/kg wet		20.0		93	70-130	3	25
Dichlorodifluoromethane (Freon12)	13.5		µg/kg wet		20.0		68	32-158	9	50
1,1-Dichloroethane	18.2		µg/kg wet		20.0		91	70-130	4	25
1,2-Dichloroethane	17.5		µg/kg wet		20.0		88	70-130	4	25
1,1-Dichloroethene	19.5		µg/kg wet		20.0		98	70-130	8	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120652 - SW846 5035A Soil (low level)										
LCS Dup (8120652-BSD1)										
Prepared & Analyzed: 08-Dec-08										
cis-1,2-Dichloroethene	18.0		µg/kg wet		20.0		90	70-130	4	25
trans-1,2-Dichloroethene	20.6		µg/kg wet		20.0		103	70-130	3	25
1,2-Dichloropropane	19.0		µg/kg wet		20.0		95	70-130	1	25
1,3-Dichloropropane	16.2		µg/kg wet		20.0		81	70-130	4	25
2,2-Dichloropropane	17.8		µg/kg wet		20.0		89	70-130	3	25
1,1-Dichloropropene	19.5		µg/kg wet		20.0		98	70-130	5	25
cis-1,3-Dichloropropene	17.2		µg/kg wet		20.0		86	70-130	2	25
trans-1,3-Dichloropropene	16.5		µg/kg wet		20.0		83	70-130	11	25
Ethylbenzene	19.4		µg/kg wet		20.0		97	70-130	5	25
Hexachlorobutadiene	17.9		µg/kg wet		20.0		90	53.6-138	1	50
2-Hexanone (MBK)	13.6	QC1	µg/kg wet		20.0		68	70-130	15	25
Isopropylbenzene	19.5		µg/kg wet		20.0		97	70-130	6	25
4-Isopropyltoluene	19.0		µg/kg wet		20.0		95	70-130	2	25
Methyl tert-butyl ether	17.7		µg/kg wet		20.0		89	70-130	8	25
4-Methyl-2-pentanone (MIBK)	13.5		µg/kg wet		20.0		68	53.5-137	6	50
Methylene chloride	15.6		µg/kg wet		20.0		78	70-130	8	25
Naphthalene	15.3		µg/kg wet		20.0		77	70-130	12	25
n-Propylbenzene	18.7		µg/kg wet		20.0		93	70-130	7	25
Styrene	17.8		µg/kg wet		20.0		89	70-130	9	25
1,1,1,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95	70-130	3	25
1,1,2,2-Tetrachloroethane	16.0		µg/kg wet		20.0		80	70-130	13	25
Tetrachloroethene	18.5		µg/kg wet		20.0		93	70-130	3	25
Toluene	16.2		µg/kg wet		20.0		81	70-130	5	25
1,2,3-Trichlorobenzene	16.0		µg/kg wet		20.0		80	70-130	11	25
1,2,4-Trichlorobenzene	16.7		µg/kg wet		20.0		84	70-130	5	25
1,3,5-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130	3	25
1,1,1-Trichloroethane	19.6		µg/kg wet		20.0		98	70-130	3	25
1,1,2-Trichloroethane	16.2		µg/kg wet		20.0		81	70-130	6	25
Trichloroethene	19.1		µg/kg wet		20.0		96	70-130	1	25
Trichlorofluoromethane (Freon 11)	18.4		µg/kg wet		20.0		92	50.9-138	11	50
1,2,3-Trichloropropane	14.3		µg/kg wet		20.0		72	70-130	17	25
1,2,4-Trimethylbenzene	17.5		µg/kg wet		20.0		88	70-130	8	25
1,3,5-Trimethylbenzene	17.8		µg/kg wet		20.0		89	70-130	9	25
Vinyl chloride	15.0		µg/kg wet		20.0		75	70-130	7	25
m,p-Xylene	38.4		µg/kg wet		40.0		96	70-130	6	25
o-Xylene	18.1		µg/kg wet		20.0		91	70-130	6	25
Tetrahydrofuran	13.8	QC1	µg/kg wet		20.0		69	70-130	22	25
Ethyl ether	17.8		µg/kg wet		20.0		89	61.4-130	10	50
Tert-amyl methyl ether	16.4		µg/kg wet		20.0		82	70-130	17	25
Ethyl tert-butyl ether	18.4		µg/kg wet		20.0		92	70-130	4	25
Di-isopropyl ether	19.9		µg/kg wet		20.0		99	70-130	4	25
Tert-Butanol / butyl alcohol	140		µg/kg wet		200		70	70-130	23	25
1,4-Dioxane	137		µg/kg wet		200		69	48.3-142	25	25
trans-1,4-Dichloro-2-butene	15.3		µg/kg wet		20.0		76	70-130	12	25
Ethanol	269	QC1	µg/kg wet		400		67	70-130	21	30
Surrogate: 4-Bromofluorobenzene	*46.1*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: Toluene-d8	*47.4*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.1*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*48.1*		µg/kg wet		*50.0*		*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 8120822 - SW846 5030 Soil (high level)										
Blank (8120822-BLK1)										
Prepared & Analyzed: 09-Dec-08										
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 8120822 - SW846 5030 Soil (high level)										
Blank (8120822-BLK1)										
Prepared & Analyzed: 09-Dec-08										
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	*30.0*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.7*		µg/kg wet		*30.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*28.2*		µg/kg wet		*30.0*		*94*	*70-130*		
LCS (8120822-BS1)										
Prepared & Analyzed: 09-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	16.5		µg/kg wet		20.0		82	70-130		
Acetone	21.8		µg/kg wet		20.0		109	0-168		
Acrylonitrile	19.2		µg/kg wet		20.0		96	70-130		
Benzene	19.9		µg/kg wet		20.0		100	70-130		
Bromobenzene	19.7		µg/kg wet		20.0		98	70-130		
Bromochloromethane	20.9		µg/kg wet		20.0		105	70-130		
Bromodichloromethane	16.8		µg/kg wet		20.0		84	70-130		
Bromoform	14.5		µg/kg wet		20.0		73	70-130		
Bromomethane	21.4		µg/kg wet		20.0		107	40.9-138		
2-Butanone (MEK)	18.4		µg/kg wet		20.0		92	29.8-145		
n-Butylbenzene	17.8		µg/kg wet		20.0		89	70-130		
sec-Butylbenzene	18.8		µg/kg wet		20.0		94	70-130		
tert-Butylbenzene	18.8		µg/kg wet		20.0		94	70-130		
Carbon disulfide	16.7		µg/kg wet		20.0		84	70-130		
Carbon tetrachloride	15.1		µg/kg wet		20.0		75	70-130		
Chlorobenzene	20.3		µg/kg wet		20.0		102	70-130		
Chloroethane	21.5		µg/kg wet		20.0		107	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 8120822 - SW846 5030 Soil (high level)										
LCS (8120822-BS1)										
Prepared & Analyzed: 09-Dec-08										
Chloroform	17.8		µg/kg wet		20.0		89	70-130		
Chloromethane	19.2		µg/kg wet		20.0		96	70-130		
2-Chlorotoluene	18.6		µg/kg wet		20.0		93	70-130		
4-Chlorotoluene	19.3		µg/kg wet		20.0		96	70-130		
1,2-Dibromo-3-chloropropane	15.3		µg/kg wet		20.0		77	70-130		
Dibromochloromethane	15.3		µg/kg wet		20.0		76	66.2-130		
1,2-Dibromoethane (EDB)	17.4		µg/kg wet		20.0		87	70-130		
Dibromomethane	19.8		µg/kg wet		20.0		99	70-130		
1,2-Dichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,3-Dichlorobenzene	18.9		µg/kg wet		20.0		94	70-130		
1,4-Dichlorobenzene	19.0		µg/kg wet		20.0		95	70-130		
Dichlorodifluoromethane (Freon12)	16.8		µg/kg wet		20.0		84	32-158		
1,1-Dichloroethane	19.1		µg/kg wet		20.0		95	70-130		
1,2-Dichloroethane	20.5		µg/kg wet		20.0		102	70-130		
1,1-Dichloroethene	18.6		µg/kg wet		20.0		93	70-130		
cis-1,2-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130		
trans-1,2-Dichloroethene	20.2		µg/kg wet		20.0		101	70-130		
1,2-Dichloropropane	19.8		µg/kg wet		20.0		99	70-130		
1,3-Dichloropropane	19.9		µg/kg wet		20.0		99	70-130		
2,2-Dichloropropane	16.0		µg/kg wet		20.0		80	70-130		
1,1-Dichloropropene	18.9		µg/kg wet		20.0		94	70-130		
cis-1,3-Dichloropropene	16.2		µg/kg wet		20.0		81	70-130		
trans-1,3-Dichloropropene	15.1		µg/kg wet		20.0		76	70-130		
Ethylbenzene	19.8		µg/kg wet		20.0		99	70-130		
Hexachlorobutadiene	17.2		µg/kg wet		20.0		86	53.6-138		
2-Hexanone (MBK)	18.0		µg/kg wet		20.0		90	70-130		
Isopropylbenzene	20.2		µg/kg wet		20.0		101	70-130		
4-Isopropyltoluene	17.8		µg/kg wet		20.0		89	70-130		
Methyl tert-butyl ether	20.9		µg/kg wet		20.0		104	70-130		
4-Methyl-2-pentanone (MIBK)	19.5		µg/kg wet		20.0		98	53.5-137		
Methylene chloride	19.4		µg/kg wet		20.0		97	70-130		
Naphthalene	17.5		µg/kg wet		20.0		87	70-130		
n-Propylbenzene	19.4		µg/kg wet		20.0		97	70-130		
Styrene	19.4		µg/kg wet		20.0		97	70-130		
1,1,1,2-Tetrachloroethane	14.9		µg/kg wet		20.0		74	70-130		
1,1,2,2-Tetrachloroethane	20.4		µg/kg wet		20.0		102	70-130		
Tetrachloroethene	18.5		µg/kg wet		20.0		92	70-130		
Toluene	19.7		µg/kg wet		20.0		98	70-130		
1,2,3-Trichlorobenzene	18.4		µg/kg wet		20.0		92	70-130		
1,2,4-Trichlorobenzene	18.5		µg/kg wet		20.0		92	70-130		
1,3,5-Trichlorobenzene	19.3		µg/kg wet		20.0		96	70-130		
1,1,1-Trichloroethane	16.9		µg/kg wet		20.0		84	70-130		
1,1,2-Trichloroethane	19.3		µg/kg wet		20.0		96	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	18.1		µg/kg wet		20.0		91	70-130		
1,2,4-Trimethylbenzene	19.0		µg/kg wet		20.0		95	70-130		
1,3,5-Trimethylbenzene	19.0		µg/kg wet		20.0		95	70-130		
Vinyl chloride	17.3		µg/kg wet		20.0		86	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120822 - SW846 5030 Soil (high level)										
LCS (8120822-BS1)										
Prepared & Analyzed: 09-Dec-08										
m,p-Xylene	38.9		µg/kg wet		40.0		97	70-130		
o-Xylene	19.7		µg/kg wet		20.0		98	70-130		
Tetrahydrofuran	19.2		µg/kg wet		20.0		96	70-130		
Ethyl ether	20.3		µg/kg wet		20.0		101	61.4-130		
Tert-amyl methyl ether	18.6		µg/kg wet		20.0		93	70-130		
Ethyl tert-butyl ether	20.9		µg/kg wet		20.0		104	70-130		
Di-isopropyl ether	21.5		µg/kg wet		20.0		108	70-130		
Tert-Butanol / butyl alcohol	197		µg/kg wet		200		99	70-130		
1,4-Dioxane	161		µg/kg wet		200		80	48.3-142		
trans-1,4-Dichloro-2-butene	16.4		µg/kg wet		20.0		82	70-130		
Ethanol	323		µg/kg wet		400		81	70-130		
Surrogate: 4-Bromofluorobenzene	*30.0*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.0*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*30.6*		µg/kg wet		*30.0*		*102*	*70-130*		
LCS Dup (8120822-BSD1)										
Prepared & Analyzed: 09-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	15.6		µg/kg wet		20.0		78	70-130	6	25
Acetone	18.8		µg/kg wet		20.0		94	0-168	15	50
Acrylonitrile	17.6		µg/kg wet		20.0		88	70-130	9	25
Benzene	18.6		µg/kg wet		20.0		93	70-130	7	25
Bromobenzene	19.9		µg/kg wet		20.0		99	70-130	1	25
Bromochloromethane	21.0		µg/kg wet		20.0		105	70-130	0.5	25
Bromodichloromethane	16.3		µg/kg wet		20.0		81	70-130	3	25
Bromoform	15.3		µg/kg wet		20.0		77	70-130	5	25
Bromomethane	20.3		µg/kg wet		20.0		102	40.9-138	5	50
2-Butanone (MEK)	18.1		µg/kg wet		20.0		90	29.8-145	1	50
n-Butylbenzene	17.1		µg/kg wet		20.0		86	70-130	4	25
sec-Butylbenzene	19.2		µg/kg wet		20.0		96	70-130	3	25
tert-Butylbenzene	19.3		µg/kg wet		20.0		97	70-130	3	25
Carbon disulfide	15.1		µg/kg wet		20.0		76	70-130	10	25
Carbon tetrachloride	15.0		µg/kg wet		20.0		75	70-130	0.5	25
Chlorobenzene	20.5		µg/kg wet		20.0		102	70-130	0.8	25
Chloroethane	18.5		µg/kg wet		20.0		93	47.5-130	15	50
Chloroform	16.9		µg/kg wet		20.0		85	70-130	5	25
Chloromethane	17.4		µg/kg wet		20.0		87	70-130	10	25
2-Chlorotoluene	18.5		µg/kg wet		20.0		92	70-130	0.5	25
4-Chlorotoluene	19.2		µg/kg wet		20.0		96	70-130	0.3	25
1,2-Dibromo-3-chloropropane	13.1	QC1	µg/kg wet		20.0		66	70-130	15	25
Dibromochloromethane	15.5		µg/kg wet		20.0		78	66.2-130	2	50
1,2-Dibromoethane (EDB)	17.5		µg/kg wet		20.0		88	70-130	0.9	25
Dibromomethane	18.7		µg/kg wet		20.0		94	70-130	6	25
1,2-Dichlorobenzene	21.7		µg/kg wet		20.0		108	70-130	14	25
1,3-Dichlorobenzene	19.6		µg/kg wet		20.0		98	70-130	3	25
1,4-Dichlorobenzene	20.1		µg/kg wet		20.0		100	70-130	6	25
Dichlorodifluoromethane (Freon12)	16.4		µg/kg wet		20.0		82	32-158	2	50
1,1-Dichloroethane	17.4		µg/kg wet		20.0		87	70-130	9	25
1,2-Dichloroethane	18.7		µg/kg wet		20.0		94	70-130	9	25
1,1-Dichloroethene	17.3		µg/kg wet		20.0		87	70-130	7	25
cis-1,2-Dichloroethene	17.6		µg/kg wet		20.0		88	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 8120822 - SW846 5030 Soil (high level)										
LCS Dup (8120822-BSD1)										
Prepared & Analyzed: 09-Dec-08										
trans-1,2-Dichloroethene	19.0		µg/kg wet		20.0		95	70-130	7	25
1,2-Dichloropropane	18.7		µg/kg wet		20.0		93	70-130	6	25
1,3-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130	2	25
2,2-Dichloropropane	15.4		µg/kg wet		20.0		77	70-130	4	25
1,1-Dichloropropene	17.6		µg/kg wet		20.0		88	70-130	7	25
cis-1,3-Dichloropropene	15.9		µg/kg wet		20.0		80	70-130	2	25
trans-1,3-Dichloropropene	14.7		µg/kg wet		20.0		73	70-130	3	25
Ethylbenzene	19.0		µg/kg wet		20.0		95	70-130	4	25
Hexachlorobutadiene	17.9		µg/kg wet		20.0		89	53.6-138	4	50
2-Hexanone (MBK)	16.9		µg/kg wet		20.0		84	70-130	7	25
Isopropylbenzene	20.4		µg/kg wet		20.0		102	70-130	0.9	25
4-Isopropyltoluene	17.7		µg/kg wet		20.0		88	70-130	0.6	25
Methyl tert-butyl ether	20.5		µg/kg wet		20.0		102	70-130	2	25
4-Methyl-2-pentanone (MIBK)	17.6		µg/kg wet		20.0		88	53.5-137	10	50
Methylene chloride	18.4		µg/kg wet		20.0		92	70-130	5	25
Naphthalene	17.1		µg/kg wet		20.0		85	70-130	2	25
n-Propylbenzene	19.4		µg/kg wet		20.0		97	70-130	0.3	25
Styrene	18.6		µg/kg wet		20.0		93	70-130	4	25
1,1,1,2-Tetrachloroethane	15.4		µg/kg wet		20.0		77	70-130	3	25
1,1,2,2-Tetrachloroethane	19.9		µg/kg wet		20.0		100	70-130	2	25
Tetrachloroethene	17.7		µg/kg wet		20.0		88	70-130	5	25
Toluene	18.6		µg/kg wet		20.0		93	70-130	5	25
1,2,3-Trichlorobenzene	19.1		µg/kg wet		20.0		96	70-130	4	25
1,2,4-Trichlorobenzene	19.4		µg/kg wet		20.0		97	70-130	5	25
1,3,5-Trichlorobenzene	19.6		µg/kg wet		20.0		98	70-130	2	25
1,1,1-Trichloroethane	15.9		µg/kg wet		20.0		80	70-130	6	25
1,1,2-Trichloroethane	19.3		µg/kg wet		20.0		96	70-130	0.05	25
Trichloroethene	17.8		µg/kg wet		20.0		89	70-130	6	25
Trichlorofluoromethane (Freon 11)	18.1		µg/kg wet		20.0		90	50.9-138	6	50
1,2,3-Trichloropropane	18.4		µg/kg wet		20.0		92	70-130	1	25
1,2,4-Trimethylbenzene	19.2		µg/kg wet		20.0		96	70-130	1	25
1,3,5-Trimethylbenzene	18.9		µg/kg wet		20.0		94	70-130	0.7	25
Vinyl chloride	16.6		µg/kg wet		20.0		83	70-130	4	25
m,p-Xylene	38.0		µg/kg wet		40.0		95	70-130	2	25
o-Xylene	19.6		µg/kg wet		20.0		98	70-130	0.6	25
Tetrahydrofuran	18.8		µg/kg wet		20.0		94	70-130	2	25
Ethyl ether	19.9		µg/kg wet		20.0		99	61.4-130	2	50
Tert-amyl methyl ether	17.7		µg/kg wet		20.0		88	70-130	5	25
Ethyl tert-butyl ether	19.7		µg/kg wet		20.0		98	70-130	6	25
Di-isopropyl ether	20.1		µg/kg wet		20.0		100	70-130	7	25
Tert-Butanol / butyl alcohol	186		µg/kg wet		200		93	70-130	6	25
1,4-Dioxane	160		µg/kg wet		200		80	48.3-142	0.8	25
trans-1,4-Dichloro-2-butene	17.2		µg/kg wet		20.0		86	70-130	5	25
Ethanol	352		µg/kg wet		400		88	70-130	9	30
Surrogate: 4-Bromofluorobenzene	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*29.7*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.3*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*29.7*		µg/kg wet		*30.0*		*99*	*70-130*		
Matrix Spike (8120822-MS1) **Source: SA88334-11**										
Prepared: 09-Dec-08 Analyzed: 10-Dec-08										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120822 - SW846 5030 Soil (high level)										
Matrix Spike (8120822-MS1) **Source: SA88334-11**										
Prepared: 09-Dec-08 Analyzed: 10-Dec-08										
Benzene	21.2		µg/kg dry		20.0	BRL	106	70-130		
Chlorobenzene	22.6		µg/kg dry		20.0	BRL	113	70-130		
1,1-Dichloroethene	20.5		µg/kg dry		20.0	BRL	103	70-130		
Toluene	21.8		µg/kg dry		20.0	BRL	109	70-130		
Trichloroethene	20.3		µg/kg dry		20.0	BRL	102	70-130		
Surrogate: 4-Bromofluorobenzene	*32.0*		µg/kg dry		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*30.6*		µg/kg dry		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.3*		µg/kg dry		*30.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*29.3*		µg/kg dry		*30.0*		*98*	*70-130*		
Matrix Spike Dup (8120822-MSD1) **Source: SA88334-11**										
Prepared: 09-Dec-08 Analyzed: 10-Dec-08										
Benzene	23.0		µg/kg dry		20.0	BRL	115	70-130	8	30
Chlorobenzene	22.9		µg/kg dry		20.0	BRL	115	70-130	1	30
1,1-Dichloroethene	22.7		µg/kg dry		20.0	BRL	113	70-130	10	30
Toluene	22.7		µg/kg dry		20.0	BRL	114	70-130	4	30
Trichloroethene	21.8		µg/kg dry		20.0	BRL	109	70-130	7	30
Surrogate: 4-Bromofluorobenzene	*31.9*		µg/kg dry		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*30.1*		µg/kg dry		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.2*		µg/kg dry		*30.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*29.2*		µg/kg dry		*30.0*		*97*	*70-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120810 - SW846 3545A										
Blank (8120810-BLK1)										
Prepared: 09-Dec-08 Analyzed: 11-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 8120810 - SW846 3545A										
Blank (8120810-BLK1)										
Prepared: 09-Dec-08 Analyzed: 11-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	*2630*		µg/kg wet		*3330*		*79*	*30-130*		
Surrogate: 2-Fluorophenol	*2090*		µg/kg wet		*3330*		*63*	*15-110*		
Surrogate: Nitrobenzene-d5	*2520*		µg/kg wet		*3330*		*75*	*30-130*		
Surrogate: Phenol-d5	*1910*		µg/kg wet		*3330*		*57*	*15-110*		
Surrogate: Terphenyl-dl4	*2330*		µg/kg wet		*3330*		*70*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2190*		µg/kg wet		*3330*		*66*	*15-110*		
LCS (8120810-BS1)										
Prepared: 09-Dec-08 Analyzed: 11-Dec-08										
Acenaphthene	2610		µg/kg wet	330	3330		78	40-130		
Acenaphthylene	2600		µg/kg wet	330	3330		78	40-130		
Aniline	1540		µg/kg wet	330	3330		46	40-130		
Anthracene	2490		µg/kg wet	330	3330		75	40-130		
Atrazine	2280		µg/kg wet	330	3330		68	40-130		
Azobenzene/Diphenyldiazine	2520		µg/kg wet	330	3330		76	40-130		
Benzidine	297		µg/kg wet	330	3330		9	0-130		
Benzo (a) anthracene	2540		µg/kg wet	330	3330		76	40-130		
Benzo (a) pyrene	2410		µg/kg wet	330	3330		72	40-130		
Benzo (b) fluoranthene	2320		µg/kg wet	330	3330		70	40-130		
Benzo (g,h,i) perylene	2310		µg/kg wet	330	3330		69	40-130		
Benzo (k) fluoranthene	2530		µg/kg wet	330	3330		76	40-130		
Benzoic acid	317		µg/kg wet	330	3330		10	3.25-130		
Benzyl alcohol	1890		µg/kg wet	330	3330		57	40-130		
Bis(2-chloroethoxy)methane	2330		µg/kg wet	330	3330		70	40-130		
Bis(2-chloroethyl)ether	2420		µg/kg wet	330	3330		73	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 8120810 - SW846 3545A										
LCS (8120810-BS1)										
Prepared: 09-Dec-08 Analyzed: 11-Dec-08										
Bis(2-chloroisopropyl)ether	2290		µg/kg wet	330	3330		69	40-130		
Bis(2-ethylhexyl)phthalate	2700		µg/kg wet	330	3330		81	40-130		
4-Bromophenyl phenyl ether	2620		µg/kg wet	330	3330		79	40-130		
Butyl benzyl phthalate	2590		µg/kg wet	330	3330		78	40-130		
Carbazole	2450		µg/kg wet	330	3330		74	40-130		
4-Chloro-3-methylphenol	2440		µg/kg wet	330	3330		73	40-130		
4-Chloroaniline	1830		µg/kg wet	330	3330		55	40-130		
2-Chloronaphthalene	2330		µg/kg wet	330	3330		70	40-130		
2-Chlorophenol	2400		µg/kg wet	330	3330		72	40-130		
4-Chlorophenyl phenyl ether	2870		µg/kg wet	330	3330		86	40-130		
Chrysene	2530		µg/kg wet	330	3330		76	40-130		
Dibenzo (a,h) anthracene	2540		µg/kg wet	330	3330		76	40-130		
Dibenzofuran	2500		µg/kg wet	330	3330		75	40-130		
1,2-Dichlorobenzene	2290		µg/kg wet	330	3330		69	40-130		
1,3-Dichlorobenzene	2160		µg/kg wet	330	3330		65	40-130		
1,4-Dichlorobenzene	2320		µg/kg wet	330	3330		70	40-130		
3,3'-Dichlorobenzidine	2470		µg/kg wet	330	3330		74	40-130		
2,4-Dichlorophenol	2400		µg/kg wet	330	3330		72	40-130		
Diethyl phthalate	2880		µg/kg wet	330	3330		86	40-130		
Dimethyl phthalate	2760		µg/kg wet	330	3330		83	40-130		
2,4-Dimethylphenol	2060		µg/kg wet	330	3330		62	40-130		
Di-n-butyl phthalate	2810		µg/kg wet	330	3330		84	40-130		
4,6-Dinitro-2-methylphenol	2310		µg/kg wet	330	3330		69	40-130		
2,4-Dinitrophenol	1350		µg/kg wet	330	3330		41	40-130		
2,4-Dinitrotoluene	2950		µg/kg wet	330	3330		88	40-130		
2,6-Dinitrotoluene	2670		µg/kg wet	330	3330		80	40-130		
Di-n-octyl phthalate	2740		µg/kg wet	330	3330		82	40-130		
Fluoranthene	2580		µg/kg wet	330	3330		77	40-130		
Fluorene	2560		µg/kg wet	330	3330		77	40-130		
Hexachlorobenzene	2450		µg/kg wet	330	3330		74	40-130		
Hexachlorobutadiene	2520		µg/kg wet	330	3330		76	40-130		
Hexachlorocyclopentadiene	2050		µg/kg wet	330	3330		61	40-130		
Hexachloroethane	2360		µg/kg wet	330	3330		71	40-130		
Indeno (1,2,3-cd) pyrene	2430		µg/kg wet	330	3330		73	40-130		
1-Methylnaphthalene	2440		µg/kg wet	330	3330		73	40-140		
Isophorone	2070		µg/kg wet	330	3330		62	40-130		
2-Methylnaphthalene	2330		µg/kg wet	330	3330		70	40-130		
2-Methylphenol	2300		µg/kg wet	330	3330		69	40-130		
3 & 4-Methylphenol	2170		µg/kg wet	330	3330		65	40-130		
Naphthalene	2430		µg/kg wet	330	3330		73	40-130		
2-Nitroaniline	2540		µg/kg wet	330	3330		76	40-130		
3-Nitroaniline	2310		µg/kg wet	330	3330		69	40-130		
4-Nitroaniline	2250		µg/kg wet	1320	3330		68	40-130		
Nitrobenzene	2350		µg/kg wet	330	3330		71	40-130		
2-Nitrophenol	2540		µg/kg wet	330	3330		76	40-130		
4-Nitrophenol	2610		µg/kg wet	1320	3330		78	40-130		
N-Nitrosodimethylamine	2300		µg/kg wet	330	3330		69	40-130		
N-Nitrosodi-n-propylamine	2430		µg/kg wet	330	3330		73	40-130		
N-Nitrosodiphenylamine	2750		µg/kg wet	330	3330		83	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 8120810 - SW846 3545A										
LCS (8120810-BS1)										
Prepared: 09-Dec-08 Analyzed: 11-Dec-08										
Pentachlorophenol	2180		µg/kg wet	330	3330		65	40-130		
Phenanthrene	2600		µg/kg wet	330	3330		78	40-130		
Phenol	2400		µg/kg wet	330	3330		72	40-130		
Pyrene	2480		µg/kg wet	330	3330		74	40-130		
Pyridine	1750		µg/kg wet	330	3330		53	0-130		
1,2,4-Trichlorobenzene	2330		µg/kg wet	330	3330		70	40-130		
2,4,5-Trichlorophenol	2480		µg/kg wet	330	3330		75	40-130		
2,4,6-Trichlorophenol	2410		µg/kg wet	330	3330		72	40-130		
Pentachloronitrobenzene	2880		µg/kg wet	330	3330		86	40-140		
1,2,4,5-Tetrachlorobenzene	2330		µg/kg wet	330	3330		70	40-140		
Surrogate: 2-Fluorobiphenyl	*2240*		µg/kg wet		*3330*		*67*	*30-130*		
Surrogate: 2-Fluorophenol	*1900*		µg/kg wet		*3330*		*57*	*15-110*		
Surrogate: Nitrobenzene-d5	*2280*		µg/kg wet		*3330*		*68*	*30-130*		
Surrogate: Phenol-d5	*1800*		µg/kg wet		*3330*		*54*	*15-110*		
Surrogate: Terphenyl-d14	*2090*		µg/kg wet		*3330*		*63*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2480*		µg/kg wet		*3330*		*74*	*15-110*		
Duplicate (8120810-DUP1) **Source: SA88334-01**										
Prepared: 09-Dec-08 Analyzed: 11-Dec-08										
Acenaphthene	BRL		µg/kg dry	349		BRL				50
Acenaphthylene	BRL		µg/kg dry	349		BRL				50
Aniline	BRL		µg/kg dry	349		BRL				50
Anthracene	BRL		µg/kg dry	349		BRL				50
Atrazine	BRL		µg/kg dry	349		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	349		BRL				50
Benzidine	BRL		µg/kg dry	349		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	349		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	349		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	349		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	349		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	349		BRL				50
Benzoic acid	BRL		µg/kg dry	349		BRL				50
Benzyl alcohol	BRL		µg/kg dry	349		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	349		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	349		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	349		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	349		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	349		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	349		BRL				50
Carbazole	BRL		µg/kg dry	349		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	349		BRL				50
4-Chloroaniline	BRL		µg/kg dry	349		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	349		BRL				50
2-Chlorophenol	BRL		µg/kg dry	349		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	349		BRL				50
Chrysene	BRL		µg/kg dry	349		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	349		BRL				50
Dibenzofuran	BRL		µg/kg dry	349		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	349		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	349		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	349		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 8120810 - SW846 3545A										
Duplicate (8120810-DUP1) **Source: SA88334-01**										
Prepared: 09-Dec-08 Analyzed: 11-Dec-08										
3,3'-Dichlorobenzidine	BRL		µg/kg dry	349		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	349		BRL				50
Diethyl phthalate	BRL		µg/kg dry	349		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	349		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	349		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	349		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	349		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	349		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	349		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	349		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	349		BRL				50
Fluoranthene	BRL		µg/kg dry	349		BRL				50
Fluorene	BRL		µg/kg dry	349		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	349		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	349		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	349		BRL				50
Hexachloroethane	BRL		µg/kg dry	349		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	349		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	349		BRL				50
Isophorone	BRL		µg/kg dry	349		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	349		BRL				50
2-Methylphenol	BRL		µg/kg dry	349		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	349		BRL				50
Naphthalene	BRL		µg/kg dry	349		BRL				50
2-Nitroaniline	BRL		µg/kg dry	349		BRL				50
3-Nitroaniline	BRL		µg/kg dry	349		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1390		BRL				50
Nitrobenzene	BRL		µg/kg dry	349		BRL				50
2-Nitrophenol	BRL		µg/kg dry	349		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1390		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	349		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	349		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	349		BRL				50
Pentachlorophenol	BRL		µg/kg dry	349		BRL				50
Phenanthrene	BRL		µg/kg dry	349		BRL				50
Phenol	BRL		µg/kg dry	349		BRL				50
Pyrene	BRL		µg/kg dry	349		BRL				50
Pyridine	BRL		µg/kg dry	349		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	349		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	349		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	349		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	349		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	349		BRL				50
Surrogate: 2-Fluorobiphenyl	*1040*		µg/kg dry		*1760*		*59*	*30-130*		
Surrogate: 2-Fluorophenol	*794*		µg/kg dry		*1760*		*45*	*15-110*		
Surrogate: Nitrobenzene-d5	*1030*		µg/kg dry		*1760*		*58*	*30-130*		
Surrogate: Phenol-d5	*732*		µg/kg dry		*1760*		*42*	*15-110*		
Surrogate: Terphenyl-d14	*904*		µg/kg dry		*1760*		*51*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*848*		µg/kg dry		*1760*		*48*	*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 8120810 - SW846 3545A										
Matrix Spike (8120810-MS1) **Source: SA88334-01**										
Prepared: 09-Dec-08 Analyzed: 11-Dec-08										
Acenaphthene	1320		µg/kg dry	174	1760	BRL	75	40-140		
Benzo (b) fluoranthene	1130		µg/kg dry	174	1760	BRL	64	40-140		
Benzo (k) fluoranthene	1200		µg/kg dry	174	1760	BRL	68	40-140		
4-Chloro-3-methylphenol	1260		µg/kg dry	174	1760	BRL	71	30-130		
2-Chlorophenol	1250		µg/kg dry	174	1760	BRL	71	30-130		
Chrysene	1230		µg/kg dry	174	1760	BRL	70	40-140		
1,4-Dichlorobenzene	1190		µg/kg dry	174	1760	BRL	67	40-140		
Indeno (1,2,3-cd) pyrene	1080		µg/kg dry	174	1760	BRL	61	40-140		
Naphthalene	1250		µg/kg dry	174	1760	BRL	71	40-140		
4-Nitrophenol	1250		µg/kg dry	697	1760	BRL	71	30-130		
N-Nitrosodi-n-propylamine	1240		µg/kg dry	174	1760	BRL	70	40-140		
Pentachlorophenol	1170		µg/kg dry	174	1760	BRL	66	30-130		
Phenol	1230		µg/kg dry	174	1760	BRL	70	30-130		
Pyrene	1220		µg/kg dry	174	1760	BRL	69	40-140		
1,2,4-Trichlorobenzene	1180		µg/kg dry	174	1760	BRL	67	40-140		
Surrogate: 2-Fluorobiphenyl	*707*		µg/kg dry		*1760*		*40*	*30-130*		
Surrogate: 2-Fluorophenol	*580*		µg/kg dry		*1760*		*33*	*15-110*		
Surrogate: Nitrobenzene-d5	*738*		µg/kg dry		*1760*		*42*	*30-130*		
Surrogate: Phenol-d5	*582*		µg/kg dry		*1760*		*33*	*15-110*		
Surrogate: Terphenyl-dl4	*655*		µg/kg dry		*1760*		*37*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*760*		µg/kg dry		*1760*		*43*	*15-110*		
Matrix Spike Dup (8120810-MSD1) **Source: SA88334-01**										
Prepared: 09-Dec-08 Analyzed: 11-Dec-08										
Acenaphthene	1320		µg/kg dry	174	1760	BRL	75	40-140	0.5	30
Benzo (b) fluoranthene	1230		µg/kg dry	174	1760	BRL	70	40-140	8	30
Benzo (k) fluoranthene	1210		µg/kg dry	174	1760	BRL	68	40-140	0.1	30
4-Chloro-3-methylphenol	1220		µg/kg dry	174	1760	BRL	69	30-130	3	30
2-Chlorophenol	1240		µg/kg dry	174	1760	BRL	70	30-130	0.7	30
Chrysene	1250		µg/kg dry	174	1760	BRL	71	40-140	2	30
1,4-Dichlorobenzene	1210		µg/kg dry	174	1760	BRL	69	40-140	2	30
Indeno (1,2,3-cd) pyrene	1170		µg/kg dry	174	1760	BRL	67	40-140	9	30
Naphthalene	1260		µg/kg dry	174	1760	BRL	71	40-140	0.6	30
4-Nitrophenol	1200		µg/kg dry	698	1760	BRL	68	30-130	4	30
N-Nitrosodi-n-propylamine	1250		µg/kg dry	174	1760	BRL	71	40-140	0.7	30
Pentachlorophenol	1090		µg/kg dry	174	1760	BRL	62	30-130	7	30
Phenol	1210		µg/kg dry	174	1760	BRL	69	30-130	2	30
Pyrene	1220		µg/kg dry	174	1760	BRL	69	40-140	0.00002	30
1,2,4-Trichlorobenzene	1200		µg/kg dry	174	1760	BRL	68	40-140	2	30
Surrogate: 2-Fluorobiphenyl	*1160*		µg/kg dry		*1760*		*66*	*30-130*		
Surrogate: 2-Fluorophenol	*963*		µg/kg dry		*1760*		*55*	*15-110*		
Surrogate: Nitrobenzene-d5	*1190*		µg/kg dry		*1760*		*67*	*30-130*		
Surrogate: Phenol-d5	*928*		µg/kg dry		*1760*		*53*	*15-110*		
Surrogate: Terphenyl-dl4	*1070*		µg/kg dry		*1760*		*61*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1200*		µg/kg dry		*1760*		*68*	*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 8120453 - SW846 3545A										
Blank (8120453-BLK1)										
Prepared & Analyzed: 05-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)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
LCS (8120453-BS1)										
Prepared & Analyzed: 05-Dec-08										
PCB 1016	211		µg/kg wet	20.0	250		84	40-140		
PCB 1260	199		µg/kg wet	20.0	250		80	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
LCS Dup (8120453-BSD1)										
Prepared & Analyzed: 05-Dec-08										
PCB 1016	236		µg/kg wet	20.0	250		94	40-140	11	30
PCB 1260	220		µg/kg wet	20.0	250		88	40-140	10	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Duplicate (8120453-DUP1)	**Source: SA88334-04**									
Prepared & Analyzed: 05-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)	*21.8*		µg/kg dry		*21.8*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.5*		µg/kg dry		*21.8*		*85*	*30-150*		
Matrix Spike (8120453-MS1)	**Source: SA88334-04**									
Prepared & Analyzed: 05-Dec-08										
PCB 1016	256		µg/kg dry	21.4	268	BRL	96	40-140		
PCB 1260	236		µg/kg dry	21.4	268	BRL	88	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.4*		µg/kg dry		*21.4*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.2*		µg/kg dry		*21.4*		*85*	*30-150*		
Matrix Spike Dup (8120453-MSD1)	**Source: SA88334-04**									
Prepared & Analyzed: 05-Dec-08										
PCB 1016	263		µg/kg dry	21.9	274	BRL	96	40-140	0.5	50
PCB 1260	245		µg/kg dry	21.9	274	BRL	90	40-140	1	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.8*		µg/kg dry		*21.9*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.6*		µg/kg dry		*21.9*		*85*	*30-150*		
Batch 8120755 - SW846 3545A										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120755 - SW846 3545A										
Blank (8120755-BLK1)										
Prepared: 09-Dec-08 Analyzed: 10-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)	*15.9*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.6*		µg/kg wet		*20.0*		*113*	*30-150*		
LCS (8120755-BS1)										
Prepared: 09-Dec-08 Analyzed: 10-Dec-08										
PCB 1016	217		µg/kg wet	20.0	250		87	40-140		
PCB 1260	227		µg/kg wet	20.0	250		91	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.9*		µg/kg wet		*20.0*		*74*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.8*		µg/kg wet		*20.0*		*94*	*30-150*		
LCS Dup (8120755-BSD1)										
Prepared: 09-Dec-08 Analyzed: 10-Dec-08										
PCB 1016	230		µg/kg wet	20.0	250		92	40-140	6	30
PCB 1260	246		µg/kg wet	20.0	250		98	40-140	8	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.1*		µg/kg wet		*20.0*		*76*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Duplicate (8120755-DUP1) **Source: SA88557-01**										
Prepared: 09-Dec-08 Analyzed: 10-Dec-08										
PCB 1016	BRL		µg/kg dry	20.1		BRL				40
PCB 1221	BRL		µg/kg dry	20.1		BRL				40
PCB 1232	BRL		µg/kg dry	20.1		BRL				40
PCB 1242	BRL		µg/kg dry	20.1		BRL				40
PCB 1248	BRL		µg/kg dry	20.1		BRL				40
PCB 1254	BRL		µg/kg dry	20.1		BRL				40
PCB 1260	BRL		µg/kg dry	20.1		BRL				40
PCB 1262	BRL		µg/kg dry	20.1		BRL				40
PCB 1268	BRL		µg/kg dry	20.1		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.4*		µg/kg dry		*20.1*		*76*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.2*		µg/kg dry		*20.1*		*86*	*30-150*		
Matrix Spike (8120755-MS1) **Source: SA88557-01**										
Prepared: 09-Dec-08 Analyzed: 10-Dec-08										
PCB 1016	180		µg/kg dry	20.7	259	BRL	70	40-140		
PCB 1260	183		µg/kg dry	20.7	259	BRL	71	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.3*		µg/kg dry		*20.7*		*69*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*14.7*		µg/kg dry		*20.7*		*71*	*30-150*		
Matrix Spike Dup (8120755-MSD1) **Source: SA88557-01**										
Prepared: 09-Dec-08 Analyzed: 10-Dec-08										
PCB 1016	158		µg/kg dry	19.8	247	BRL	64	40-140	8	50
PCB 1260	161		µg/kg dry	19.8	247	BRL	65	40-140	8	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*13.0*		µg/kg dry		*19.7*		*66*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*12.5*		µg/kg dry		*19.7*		*64*	*30-150*		
Batch 8120851 - 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 8120851 - SW846 3550B										
Blank (8120851-BLK1)										
Prepared: 10-Dec-08 Analyzed: 12-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) [:	*14.7*		µg/kg wet		*13.3*		*110*	*30-150*		
LCS (8120851-BS1)										
Prepared: 10-Dec-08 Analyzed: 12-Dec-08										
2,4,5-T	21.9		µg/kg wet	6.70	33.3		66	40-140		
2,4,5-T [2C]	19.1		µg/kg wet	6.70	33.3		57	40-140		
2,4,5-TP (Silvex)	22.5		µg/kg wet	6.70	33.3		68	40-140		
2,4,5-TP (Silvex) [2C]	22.1		µg/kg wet	6.70	33.3		66	40-140		
2,4-D	24.1		µg/kg wet	6.70	33.3		72	40-140		
2,4-D [2C]	22.8		µg/kg wet	6.70	33.3		68	40-140		
2,4-DB	20.2		µg/kg wet	6.70	33.3		61	40-140		
2,4-DB [2C]	17.8		µg/kg wet	6.70	33.3		53	40-140		
Dalapon	16.3		µg/kg wet	6.70	33.3		49	40-140		
Dalapon [2C]	18.1		µg/kg wet	6.70	33.3		54	40-140		
Dicamba	21.5		µg/kg wet	6.70	33.3		65	40-140		
Dicamba [2C]	23.4		µg/kg wet	6.70	33.3		70	40-140		
Dichlorprop	23.5		µg/kg wet	6.70	33.3		71	40-140		
Dichlorprop [2C]	24.3		µg/kg wet	6.70	33.3		73	40-140		
Dinoseb	23.9		µg/kg wet	6.70	33.3		72	40-140		
Dinoseb [2C]	25.3		µg/kg wet	6.70	33.3		76	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.8*		µg/kg wet		*13.3*		*96*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*13.9*		µg/kg wet		*13.3*		*104*	*30-150*		
LCS (8120851-BS2)										
Prepared: 10-Dec-08 Analyzed: 12-Dec-08										
MCPA	7530		µg/kg wet	670	10000		75	40-140		
MCPA [2C]	8470		µg/kg wet	670	10000		85	40-140		
MCPB	8600		µg/kg wet	670	10000		86	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 8120851 - SW846 3550B										
LCS (8120851-BS2)										
Prepared: 10-Dec-08 Analyzed: 12-Dec-08										
MCPB [2C]	8930		µg/kg wet	670	10000		89	40-140		
MCPP	8200		µg/kg wet	670	10000		82	40-140		
MCPP [2C]	7070		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) [:	*15.1*		µg/kg wet		*13.3*		*114*	*30-150*		
LCS Dup (8120851-BSD1)										
Prepared: 10-Dec-08 Analyzed: 12-Dec-08										
2,4,5-T	21.4		µg/kg wet	6.70	33.3		64	40-140	2	25
2,4,5-T [2C]	19.0		µg/kg wet	6.70	33.3		57	40-140	0.4	25
2,4,5-TP (Silvex)	20.6		µg/kg wet	6.70	33.3		62	40-140	9	25
2,4,5-TP (Silvex) [2C]	21.7		µg/kg wet	6.70	33.3		65	40-140	2	25
2,4-D	21.9		µg/kg wet	6.70	33.3		66	40-140	9	25
2,4-D [2C]	23.7		µg/kg wet	6.70	33.3		71	40-140	4	25
2,4-DB	20.6		µg/kg wet	6.70	33.3		62	40-140	2	25
2,4-DB [2C]	18.1		µg/kg wet	6.70	33.3		54	40-140	1	25
Dalapon	16.3		µg/kg wet	6.70	33.3		49	40-140	0	25
Dalapon [2C]	18.1		µg/kg wet	6.70	33.3		54	40-140	0	25
Dicamba	21.7		µg/kg wet	6.70	33.3		65	40-140	0.6	25
Dicamba [2C]	23.1		µg/kg wet	6.70	33.3		69	40-140	1	25
Dichlorprop	23.2		µg/kg wet	6.70	33.3		70	40-140	1	25
Dichlorprop [2C]	23.7		µg/kg wet	6.70	33.3		71	40-140	2	25
Dinoseb	22.1		µg/kg wet	6.70	33.3		66	40-140	8	25
Dinoseb [2C]	24.5		µg/kg wet	6.70	33.3		74	40-140	3	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.4*		µg/kg wet		*13.3*		*93*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*13.7*		µg/kg wet		*13.3*		*102*	*30-150*		
LCS Dup (8120851-BSD2)										
Prepared: 10-Dec-08 Analyzed: 12-Dec-08										
MCPA	6000		µg/kg wet	670	10000		60	40-140	23	25
MCPA [2C]	6730		µg/kg wet	670	10000		67	40-140	23	25
MCPB	6470	QR2	µg/kg wet	670	10000		65	40-140	28	25
MCPB [2C]	7330		µg/kg wet	670	10000		73	40-140	20	25
MCPP	5870	QR2	µg/kg wet	670	10000		59	40-140	33	25
MCPP [2C]	5730		µg/kg wet	670	10000		57	40-140	21	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.3*		µg/kg wet		*13.3*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*11.7*		µg/kg wet		*13.3*		*88*	*30-150*		
Duplicate (8120851-DUP1) **Source: SA88258-01**										
Prepared: 10-Dec-08 Analyzed: 12-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 8120851 - SW846 3550B										
Duplicate (8120851-DUP1) **Source: SA88258-01**										
Prepared: 10-Dec-08 Analyzed: 12-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)	*13.4*		µg/kg dry		*14.9*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*12.8*		µg/kg dry		*14.9*		*86*	*30-150*		
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		

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-BS1)										
Prepared & Analyzed: 11-Dec-08										
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		
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*		

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 Dup (8120954-BSD2)										
Prepared & Analyzed: 11-Dec-08										
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
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*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120811 - SW846 3545A										
Blank (8120811-BLK1)										
Prepared: 09-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	*1.96*		mg/kg wet		*3.33*		*59*	*50-150*		
LCS (8120811-BS1)										
Prepared: 09-Dec-08 Analyzed: 15-Dec-08										
C9-C36 Aliphatic Hydrocarbons	56.1		mg/kg wet	13.3	93.3		60	60-120		
Surrogate: 1-Chlorooctadecane	*1.74*		mg/kg wet		*3.33*		*52*	*50-150*		
Duplicate (8120811-DUP1) **Source: SA88334-01**										
Prepared: 09-Dec-08 Analyzed: 15-Dec-08										
Gasoline	BRL		mg/kg dry	14.0		BRL				50
Fuel Oil #2	BRL		mg/kg dry	14.0		BRL				50
Fuel Oil #4	BRL		mg/kg dry	14.0		BRL				50
Fuel Oil #6	BRL		mg/kg dry	14.0		BRL				50
Motor Oil	BRL		mg/kg dry	14.0		BRL				50
Aviation Fuel	BRL		mg/kg dry	14.0		BRL				50
Unidentified	26.5		mg/kg dry	14.0		BRL				50
Other Oil	Calculated as		mg/kg dry	14.0		BRL				50
Total Petroleum Hydrocarbons	26.5		mg/kg dry	14.0		BRL				50
C9-C36 Aliphatic Hydrocarbons	26.5		mg/kg dry	14.0		BRL				50
Surrogate: 1-Chlorooctadecane	*1.09*		mg/kg dry		*1.76*		*62*	*50-150*		
Matrix Spike (8120811-MS1) **Source: SA88334-01**										
Prepared: 09-Dec-08 Analyzed: 15-Dec-08										
C9-C36 Aliphatic Hydrocarbons	65.7		mg/kg dry	13.7	96.4	BRL	68	50-150		
Surrogate: 1-Chlorooctadecane	*1.84*		mg/kg dry		*3.44*		*53*	*50-150*		
Matrix Spike Dup (8120811-MSD1) **Source: SA88334-01**										
Prepared: 09-Dec-08 Analyzed: 15-Dec-08										
C9-C36 Aliphatic Hydrocarbons	75.2		mg/kg dry	14.1	98.9	BRL	76	50-150	11	30
Surrogate: 1-Chlorooctadecane	*1.92*		mg/kg dry		*3.53*		*54*	*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 8120550 - SW846 3050B										
Blank (8120550-BLK1)										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Selenium	BRL		mg/kg wet	1.34						
Lead	BRL		mg/kg wet	1.34						
Arsenic	BRL		mg/kg wet	1.34						
Chromium	BRL		mg/kg wet	0.893						
Silver	BRL		mg/kg wet	1.34						
Cadmium	BRL		mg/kg wet	0.447						
Barium	BRL		mg/kg wet	0.893						
Duplicate (8120550-DUP1)	**Source: SA88334-01**									
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Selenium	1.30	J	mg/kg dry	1.50		1.30			0.3	20
Lead	21.1		mg/kg dry	1.50		21.0			0.4	20
Silver	BRL		mg/kg dry	1.50		BRL				20
Cadmium	0.205	J	mg/kg dry	0.500		0.188			9	20
Chromium	8.30		mg/kg dry	0.999		7.44			11	20
Arsenic	2.36		mg/kg dry	1.50		2.14			10	20
Barium	30.8		mg/kg dry	0.999		28.8			7	20
Matrix Spike (8120550-MS1)	**Source: SA88334-02**									
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Lead	154		mg/kg dry	1.64	137	9.47	106	75-125		
Selenium	119		mg/kg dry	1.64	137	2.44	85	75-125		
Arsenic	136		mg/kg dry	1.64	137	3.22	97	75-125		
Chromium	158		mg/kg dry	1.09	137	14.8	105	75-125		
Cadmium	134		mg/kg dry	0.547	137	0.394	98	75-125		
Silver	134		mg/kg dry	1.64	137	BRL	98	75-125		
Barium	202		mg/kg dry	1.09	137	65.4	100	75-125		
Matrix Spike Dup (8120550-MSD1)	**Source: SA88334-02**									
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Lead	155		mg/kg dry	1.62	135	9.47	108	75-125	0.8	20
Selenium	121		mg/kg dry	1.62	135	2.44	88	75-125	1	20
Chromium	160		mg/kg dry	1.08	135	14.8	107	75-125	1	20
Cadmium	137		mg/kg dry	0.540	135	0.394	101	75-125	2	20
Silver	135		mg/kg dry	1.62	135	BRL	100	75-125	0.9	20
Arsenic	138		mg/kg dry	1.62	135	3.22	100	75-125	2	20
Barium	215		mg/kg dry	1.08	135	65.4	110	75-125	6	20
Post Spike (8120550-PS1)	**Source: SA88334-02**									
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Lead	151		mg/kg dry	1.61	134	9.47	106	80-120		
Selenium	123		mg/kg dry	1.61	134	2.44	90	80-120		
Silver	133		mg/kg dry	1.61	134	BRL	99	80-120		
Arsenic	136		mg/kg dry	1.61	134	3.22	99	80-120		
Cadmium	131		mg/kg dry	0.536	134	0.394	98	80-120		
Chromium	150		mg/kg dry	1.07	134	14.8	101	80-120		
Barium	198		mg/kg dry	1.07	134	65.4	99	80-120		
Reference (8120550-SRM1)										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Lead	81.4		mg/kg wet	1.50	70.4		116	80.9-119.9		
Selenium	106		mg/kg wet	1.50	103		103	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 8120550 - SW846 3050B										
Reference (8120550-SRM1)										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Silver	34.7		mg/kg wet	1.50	32.3		107	66.2-133.7		
Chromium	80.4		mg/kg wet	1.00	71.5		112	81.9-118.1		
Cadmium	144		mg/kg wet	0.500	134		108	83.7-116.7		
Arsenic	70.6		mg/kg wet	1.50	63.7		111	82.9-117.1		
Barium	141		mg/kg wet	1.00	133		106	80.5-119.5		
Reference (8120550-SRM2)										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Lead	76.5		mg/kg wet	1.50	68.6		112	80.9-119.9		
Selenium	99.6		mg/kg wet	1.50	100		99	79.9-119.6		
Cadmium	134		mg/kg wet	0.500	130		103	83.7-116.7		
Silver	33.5		mg/kg wet	1.50	31.5		106	66.2-133.7		
Arsenic	66.4		mg/kg wet	1.50	62.0		107	82.9-117.1		
Chromium	74.9		mg/kg wet	1.00	69.6		108	81.9-118.1		
Barium	135		mg/kg wet	1.00	129		104	80.5-119.5		
Batch 8120551 - EPA200/SW7000 Series										
Blank (8120551-BLK1)										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Mercury	BRL		mg/kg wet	0.0267						
Duplicate (8120551-DUP1) **Source: SA88334-01**										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Mercury	0.0408	QR6	mg/kg dry	0.0297		0.0325			23	20
Matrix Spike (8120551-MS1) **Source: SA88334-02**										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Mercury	0.455		mg/kg dry	0.0314	0.436	0.0093	102	75-125		
Matrix Spike Dup (8120551-MSD1) **Source: SA88334-02**										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Mercury	0.466		mg/kg dry	0.0327	0.455	0.0093	100	75-125	3	20
Post Spike (8120551-PS1) **Source: SA88334-02**										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Mercury	0.502		mg/kg dry	0.0311	0.432	0.0093	114	80-120		
Reference (8120551-SRM1)										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Mercury	2.12		mg/kg wet	0.0300	2.05		103	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 8121759 - SW846 3010A										
Blank (8121759-BLK1)										
Prepared & Analyzed: 23-Dec-08										
Lead	BRL		mg/l	0.0075						
Chromium	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0350						
LCS (8121759-BS1)										
Prepared & Analyzed: 23-Dec-08										
Lead	1.22		mg/l	0.0075	1.25		97	85-115		
Chromium	1.29		mg/l	0.0050	1.25		103	85-115		
Barium	1.22		mg/l	0.0350	1.25		98	85-115		
LCS Dup (8121759-BSD1)										
Prepared & Analyzed: 23-Dec-08										
Lead	1.20		mg/l	0.0075	1.25		96	85-115	2	20
Chromium	1.28		mg/l	0.0050	1.25		102	85-115	0.5	20
Barium	1.20		mg/l	0.0350	1.25		96	85-115	2	20
Duplicate (8121759-DUP1)	**Source: SA88769-02**									
Prepared & Analyzed: 23-Dec-08										
Lead	BRL		mg/l	0.0075		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Barium	0.103	QR6	mg/l	0.0350		0.205			66	20
Matrix Spike (8121759-MS1)	**Source: SA88721-04**									
Prepared & Analyzed: 23-Dec-08										
Lead	1.22		mg/l	0.0075	1.25	BRL	98	75-125		
Chromium	1.29		mg/l	0.0050	1.25	BRL	103	75-125		
Barium	1.23		mg/l	0.0350	1.25	0.0212	97	75-125		
Matrix Spike Dup (8121759-MSD1)	**Source: SA88721-04**									
Prepared & Analyzed: 23-Dec-08										
Lead	1.20		mg/l	0.0075	1.25	BRL	96	75-125	2	20
Chromium	1.27		mg/l	0.0050	1.25	BRL	102	75-125	2	20
Barium	1.21		mg/l	0.0350	1.25	0.0212	95	75-125	2	20
Post Spike (8121759-PS1)	**Source: SA88721-04**									
Prepared & Analyzed: 23-Dec-08										
Lead	1.23		mg/l	0.0075	1.25	BRL	99	75-125		
Chromium	1.27		mg/l	0.0050	1.25	BRL	102	75-125		
Barium	1.24		mg/l	0.0350	1.25	0.0212	97	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120632 - General Preparation										
Duplicate (8120632-DUP1)	**Source: SA88299-68**									
Prepared & Analyzed: 08-Dec-08										
% Solids	84.8		%			85.0			0.3	20
Batch 8120671 - General Preparation										
Duplicate (8120671-DUP1)	**Source: SA88307-01**									
Prepared: 08-Dec-08 Analyzed: 09-Dec-08										
% Solids	90.1		%			89.3			0.9	20

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

* Reportable Detection Limit BRL = Below Reporting Limit

Notes and Definitions

QC1	Analyte out of acceptance range.
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.
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.
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.
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
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

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:**	127-17797-08009
Sampling Date(s):	03-Dec-08	**Laboratory Sample ID(s):**	SA88334-01 through SA88334-18

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: 12/29/2008

1 SA 88334

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of ____

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: Key Tech Rizzo
150 Trumbull St 4th Flr
Hartford, CT 06103

Project Mgr.: David Brassard

Invoice To: DAS Contract

P.O. No.: ____ RQN: ____

Project No.: 127-17717-03009
Site Name: Busway
Location: West Hartford State: CT
Sampler(s): Craig Smolin

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

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	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs 8260	SVOCs 8270	ETPH	PCBs 8080	Herbicides 8151	Total RCRA8 metals	SPLP RCRA 8 metals	QA Reporting Notes: (check if needed)
88334-01	RSB-A14	12/3/08	0810	G	SO	4°	3	2			X	X	X	X	X	X	X	* Hold, DO NOT ANALYZE
-02	RSB-A15		0825															
-03	RSB-A16		0855															
-04	RSB-A17		0905															
-05	RSB-A18		0915															
-06	RSB-A19		0940															
-07	RSB-A20		0950															
-08	RSB-A21		1000															
-09	RSB-A22		1030															
-10	RSB-A23		1120															

Analyses: TCLP RCRA 8 metals

QA Reporting Notes:
- [ ] 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

- [ ] Fax results when available to ( ) ____
- [X] E-mail to david.brassard@keytech.com; craig.smolin@keytech.com
- EDD Format ____
- Condition upon receipt: [ ] Iced [ ] Ambient [ ] °C 6.4

Relinquished by:	Received by:	Date:	Time:
Craig Smolin	FEDEX FORGE	12/3/08	1515
FEDEX FORGE		12.4.08	9:30
		12/4/08	12:15

88334

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

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: same

Invoice To: same

Project No.:

Site Name: SAME

Location: SAME State:

Project Mgr.:

P.O. No.: RQN:

Sampler(s)

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_3$ 9=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	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs 8260	SVOCs 8270	ETPH	PCBs 8080	Metals 6151	Total RCRA 8	TCLP RCRA 8*	QA Reporting Notes: (check if needed)
88334-11	RSB-A24	12/3/08	1140	G	SO	7,9	3	2			X	X	X	X	X	X	*	* Hold, DO NOT ANALYZE
-12	RSB-A25		1155															
-13	RSB-A26		1255															
-14	RSB-A27		1305															
-15	RSB-A28		1320															
-16	RSB-A29		1330															
-17	RSB-A30		1355															
-18	RSB-A31		1410															

- [ ] 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

- [ ] Fax results when available to (____)
- [X] E-mail to same
- EDD Format

Condition upon receipt: [ ] Iced [ ] Ambient [✓] C 6.4

Relinquished by:	Received by:	Date:	Time:
	FEDEX	12/3/08	1515
FEDEX		12-4-08	930
		12/4/08	12:15

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SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

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: same
Project Mgr.:

Invoice To: same
P.O. No.: RQN:

Project No.:
Site Name: SAME
Location: State:
Sampler(s)

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

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		VOCs 8260	SVOCs 8270	ETPH	PCBs 8080	Herb. 8151	Total RCRA 8	SPLP RCRA 8*	SPLP PCBs	QA Reporting Notes: (check if needed)
88334-11	RSB-A24	12/3/08	1140	G	SO	7,9	3	2				X	X	X	X	X	X	☆		☆ Hold, DO NOT ANALYZE
-12	RSB-A25		1155																	
-13	RSB-A26		1255																	
-14	RSB-A27		1305																	
-15	RSB-A28		1320																	
-16	RSB-A29		1330																	
-17	RSB-A30		1355																	
-18	RSB-A31		1410																X	ADDED 12/22/08 [illegible] ANALYSIS

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

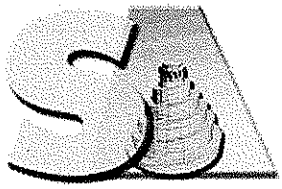
☐ Fax results when available to (____)
☒ E-mail to same
EDD Format

Condition upon receipt: ☐ Iced ☐ Ambient ☒ C 6.4

Relinquished by:	Received by:	Date:	Time:
[signature]	TECK FRIDGE	12/3/08	1515
TECK FRIDGE	[signature]	12-4 01	930
[signature]	[signature]	12/4/08	12:15

11 Almgren Drive • Agawam, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076 • www.spectrum-analytical.com

Report Date:
29-Dec-08 14:43



☑ 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 127-17797-08009

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA88429-01	RSB-A32	Soil	04-Dec-08 08:45	05-Dec-08 11:20
SA88429-02	RSB-A33	Soil	04-Dec-08 09:10	05-Dec-08 11:20
SA88429-03	RSB-A34	Soil	04-Dec-08 09:30	05-Dec-08 11:20
SA88429-04	RSB-A35	Soil	04-Dec-08 09:50	05-Dec-08 11:20
SA88429-05	RSB-A36	Soil	04-Dec-08 10:05	05-Dec-08 11:20
SA88429-06	RSB-A37	Soil	04-Dec-08 10:25	05-Dec-08 11:20
SA88429-07	RSB-A38	Soil	04-Dec-08 10:45	05-Dec-08 11:20
SA88429-08	RSB-A39	Soil	04-Dec-08 11:10	05-Dec-08 11:20
SA88429-09	RSB-A40	Soil	04-Dec-08 12:00	05-Dec-08 11:20
SA88429-10	RSB-A41	Soil	04-Dec-08 12:40	05-Dec-08 11:20
SA88429-11	RSB-A42	Soil	04-Dec-08 13:25	05-Dec-08 11:20
SA88429-12	RSB-A43	Soil	04-Dec-08 13:45	05-Dec-08 11:20
SA88429-13	RSB-A44	Soil	04-Dec-08 14:10	05-Dec-08 11:20
SA88429-14	RSB-A45	Soil	04-Dec-08 14:35	05-Dec-08 11:20
SA88429-15	RSB-A46	Soil	04-Dec-08 15:00	05-Dec-08 11:20
SA88429-16	Trip Blank	Deionized Water	04-Dec-08 08:00	05-Dec-08 11:20

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 131 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 2.1 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.

+CT ETPH

Samples:

SA88429-14 *RSB-A45*

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 6010B

Spikes:

8120571-MS1 *Source: SA88429-01*

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

Duplicates:

8120571-DUP1 *Source: SA88422-01*

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

Lead

SW846 8151A

SW846 8151A

Samples:

S815159-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]

S815159-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]

S815159-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:

8120779-BSD1

Analyte out of acceptance range.

Chloromethane
Ethanol
Vinyl chloride

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

8120780-BS1

Analyte out of acceptance range.

Chloromethane
Tert-Butanol / butyl alcohol

8120780-BSD1

Analyte out of acceptance range.

Ethanol

8120869-BS1

Analyte out of acceptance range.

2-Hexanone (MBK)

8120869-BSD1

Analyte out of acceptance range.

Chloromethane
Ethanol
Tert-Butanol / butyl alcohol
Tetrahydrofuran

SW846 8260B

Spikes:

8120709-MSD1 *Source: SA88338-09*

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

Trichloroethene

8120878-MS1 *Source: SA88408-03*

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

1,1-Dichloroethene
Benzene
Chlorobenzene
Toluene
Trichloroethene

8120878-MSD1 *Source: SA88408-03*

RPD out of acceptance range.

Benzene
Chlorobenzene
Toluene
Trichloroethene

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

1,1-Dichloroethene

Samples:

SA88429-03 *RSB-A34*

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:

8120963-BS1

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

4-Chloroaniline
Aniline

Spikes:

8120963-MS1 *Source: SA88429-04*

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

2-Fluorobiphenyl
Nitrobenzene-d5

SW846 8270C

Samples:

SA88429-14RE1 *RSB-A45*

The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.

2,4,6-Tribromophenol
Terphenyl-dl4

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A32 SA88429-01	127-17797-08009	Soil	04-Dec-08 08:45	05-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	05-Dec-08	05-Dec-08	8120586	
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	6.8	1	SW846 8260B	09-Dec-08	09-Dec-08	8120779	X
67-64-1	Acetone	BRL		µg/kg dry	68.2	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	68.2	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	34.1	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	68.2	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	68.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	68.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.8	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A32 SA88429-01	127-17797-08009	Soil	04-Dec-08 08:45	05-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds						Initial weight: 5.4 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.8	1	SW846 8260B	09-Dec-08	09-Dec-08	8120779	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	68.2	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	68.2	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	34.1	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2730	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*	*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	400	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	400	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	400	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	400	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	400	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	400	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	400	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	400	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	400	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	400	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	400	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	400	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	400	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	400	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A32 SA88429-01	127-17797-08009	Soil	04-Dec-08 08:45	05-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	400	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	400	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	400	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	400	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	400	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	400	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	400	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	400	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	400	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	400	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	400	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	400	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	400	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	400	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	400	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	400	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	400	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	400	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	400	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	400	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	400	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	400	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	400	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	400	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	400	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	400	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	400	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	400	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	400	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	400	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	400	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	400	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	400	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	400	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	400	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	400	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	400	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	400	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	400	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	400	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	400	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	400	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	400	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	400	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1600	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	400	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	400	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1600	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	400	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	400	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A32 SA88429-01	127-17797-08009	Soil	04-Dec-08 08:45	05-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	400	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	400	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	400	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	400	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	400	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	400	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	400	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	400	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	400	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	400	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	400	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*69*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*62*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*60*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*75*		*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 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	22.8	1	SW846 8082	11-Dec-08	13-Dec-08	8120964	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)*	*104*		*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	12-Dec-08	16-Dec-08	8121073	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-A32	127-17797-08009	Soil	04-Dec-08 08:45	05-Dec-08
SA88429-01				

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	16.1	1	+CT ETPH	11-Dec-08	15-Dec-08	8120955	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.1	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	16.1	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	16.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	16.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	16.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*74*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.84	1	SW846 6010B	10-Dec-08	11-Dec-08	8120571	X
7440-38-2	Arsenic	3.01		mg/kg dry	1.84	1	"	"	"	"	X
7440-39-3	Barium	75.7		mg/kg dry	1.23	1	"	"	"	"	X
7440-43-9	Cadmium	0.674		mg/kg dry	0.613	1	"	"	"	"	X
7440-47-3	Chromium	13.3		mg/kg dry	1.23	1	"	"	"	"	X
7439-97-6	Mercury	0.0639		mg/kg dry	0.0332	1	SW846 7471A	"	11-Dec-08	8120572	X
7439-92-1	Lead	31.3		mg/kg dry	1.84	1	SW846 6010B	"	11-Dec-08	8120571	X
7782-49-2	Selenium	BRL		mg/kg dry	1.84	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	81.5		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120675	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A33 SA88429-02	127-17797-08009	Soil	04-Dec-08 09:10	05-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	05-Dec-08	05-Dec-08	8120586	
Volatile Organic Compounds						Initial weight: 5.51 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	09-Dec-08	09-Dec-08	8120779	X
67-64-1	Acetone	BRL		µg/kg dry	63.5	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.4	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	63.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.8	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.7	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	12.7	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	12.7	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	63.5	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	63.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	63.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.4	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A33 SA88429-02	127-17797-08009	Soil	04-Dec-08 09:10	05-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	6.4	1	SW846 8260B	09-Dec-08	09-Dec-08	8120779	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	12.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	63.5	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	63.5	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	127	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	31.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2540	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*104*		*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	389	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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-A33 SA88429-02	127-17797-08009	Soil	04-Dec-08 09:10	05-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	389	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A33	127-17797-08009	Soil	04-Dec-08 09:10	05-Dec-08
SA88429-02				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	389	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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*	*58*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*65*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*59*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*58*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*70*		*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	23.3	1	SW846 8082	11-Dec-08	13-Dec-08	8120964	X
11104-28-2	PCB 1221	BRL		µg/kg dry	23.3	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	23.3	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	23.3	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	23.3	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	23.3	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	23.3	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	23.3	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	23.3	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*96*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*117*		*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	12-Dec-08	16-Dec-08	8121073	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)*	*87*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A33 SA88429-02	127-17797-08009	Soil	04-Dec-08 09:10	05-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	11-Dec-08	15-Dec-08	8120955	
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*	*72*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.78	1	SW846 6010B	10-Dec-08	11-Dec-08	8120571	X
7440-38-2	Arsenic	3.21		mg/kg dry	1.78	1	"	"	"	"	X
7440-39-3	Barium	51.2		mg/kg dry	1.19	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.594	1	"	"	"	"	X
7440-47-3	Chromium	8.38		mg/kg dry	1.19	1	"	"	"	"	X
7439-97-6	Mercury	0.226		mg/kg dry	0.0346	1	SW846 7471A	"	11-Dec-08	8120572	X
7439-92-1	Lead	37.8		mg/kg dry	1.78	1	SW846 6010B	"	11-Dec-08	8120571	X
7782-49-2	Selenium	BRL		mg/kg dry	1.78	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	84.0		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120675	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A34	127-17797-08009	Soil	04-Dec-08 09:30	05-Dec-08
SA88429-03				

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	05-Dec-08	05-Dec-08	8120586	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 7.64 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.5	1	SW846 8260B	09-Dec-08	09-Dec-08	8120779	X
67-64-1	Acetone	BRL		µg/kg dry	44.9	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	44.9	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	22.4	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	44.9	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	44.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	44.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A34 SA88429-03	127-17797-08009	Soil	04-Dec-08 09:30	05-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VC10			Initial weight: 7.64 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.5	1	SW846 8260B	09-Dec-08	09-Dec-08	8120779	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	44.9	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	44.9	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	89.8	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	22.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1800	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*	*123*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	371	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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-A34 SA88429-03	127-17797-08009	Soil	04-Dec-08 09:30	05-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	371	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A34 SA88429-03	127-17797-08009	Soil	04-Dec-08 09:30	05-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	371	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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*	*60*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*65*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*57*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*72*		*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	22.4	1	SW846 8082	11-Dec-08	13-Dec-08	8120964	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)*	*95*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*102*		*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	12-Dec-08	16-Dec-08	8121073	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-A34	127-17797-08009	Soil	04-Dec-08 09:30	05-Dec-08
SA88429-03				

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	14.9	1	+CT ETPH	11-Dec-08	15-Dec-08	8120955	
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*	*68*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.61	1	SW846 6010B	10-Dec-08	11-Dec-08	8120571	X
7440-38-2	Arsenic	2.12		mg/kg dry	1.61	1	"	"	"	"	X
7440-39-3	Barium	64.5		mg/kg dry	1.08	1	"	"	"	"	X
7440-43-9	Cadmium	0.586		mg/kg dry	0.538	1	"	"	"	"	X
7440-47-3	Chromium	13.5		mg/kg dry	1.08	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0324	1	SW846 7471A	"	11-Dec-08	8120572	X
7439-92-1	Lead	8.77		mg/kg dry	1.61	1	SW846 6010B	"	11-Dec-08	8120571	X
7782-49-2	Selenium	BRL		mg/kg dry	1.61	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	87.2		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120675	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A35 SA88429-04	127-17797-08009	Soil	04-Dec-08 09:50	05-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	05-Dec-08	05-Dec-08	8120586	
Volatile Organic Compounds					Initial weight: 5.42 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	09-Dec-08	09-Dec-08	8120779	X
67-64-1	Acetone	BRL		µg/kg dry	58.2	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	58.2	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	29.1	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	58.2	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	58.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	58.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.8	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A35	127-17797-08009	Soil	04-Dec-08 09:50	05-Dec-08
SA88429-04				

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: 5.42 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.8	1	SW846 8260B	09-Dec-08	09-Dec-08	8120779	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	58.2	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	58.2	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	29.1	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2330	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*	*124*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	365	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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-A35 SA88429-04	127-17797-08009	Soil	04-Dec-08 09:50	05-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	365	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A35	127-17797-08009	Soil	04-Dec-08 09:50	05-Dec-08
SA88429-04				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	365	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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*	*62*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*69*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*63*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*60*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*73*		*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	21.9	1	SW846 8082	11-Dec-08	13-Dec-08	8120964	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)*	*91*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*107*		*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	12-Dec-08	16-Dec-08	8121073	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											

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-A35 SA88429-04	127-17797-08009	Soil	04-Dec-08 09:50	05-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	11-Dec-08	15-Dec-08	8120955	
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*	*72*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.63	1	SW846 6010B	10-Dec-08	11-Dec-08	8120571	X
7440-38-2	Arsenic	1.70		mg/kg dry	1.63	1	"	"	"	"	X
7440-39-3	Barium	57.2		mg/kg dry	1.09	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.544	1	"	"	"	"	X
7440-47-3	Chromium	12.0		mg/kg dry	1.09	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0299	1	SW846 7471A	"	11-Dec-08	8120572	X
7439-92-1	Lead	11.4		mg/kg dry	1.63	1	SW846 6010B	"	11-Dec-08	8120571	X
7782-49-2	Selenium	BRL		mg/kg dry	1.63	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	88.8		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120675	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A36 SA88429-05	127-17797-08009	Soil	04-Dec-08 10:05	05-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	05-Dec-08	05-Dec-08	8120586	
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	5.4	1	SW846 8260B	09-Dec-08	09-Dec-08	8120779	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	27.2	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	54.3	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-A36 SA88429-05	127-17797-08009	Soil	04-Dec-08 10:05	05-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds						Initial weight: 5.25 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.4	1	SW846 8260B	09-Dec-08	09-Dec-08	8120779	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	27.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2170	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*	*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	351	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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-A36 SA88429-05	127-17797-08009	Soil	04-Dec-08 10:05	05-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	11-Dec-08	15-Dec-08	8120955	
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*	60		50-150 %			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.38	1	SW846 6010B	10-Dec-08	11-Dec-08	8120571	X
7440-38-2	Arsenic	1.39		mg/kg dry	1.38	1	"	"	"	"	X
7440-39-3	Barium	38.2		mg/kg dry	0.917	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.459	1	"	"	"	"	X
7440-47-3	Chromium	7.05		mg/kg dry	0.917	1	"	"	"	"	X
7439-97-6	Mercury	0.256		mg/kg dry	0.0302	1	SW846 7471A	"	11-Dec-08	8120572	X
7439-92-1	Lead	13.2		mg/kg dry	1.38	1	SW846 6010B	"	11-Dec-08	8120571	X
7782-49-2	Selenium	BRL		mg/kg dry	1.38	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	93.6		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120675	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A37 SA88429-06	127-17797-08009	Soil	04-Dec-08 10:25	05-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	05-Dec-08	05-Dec-08	8120586	
Volatile Organic Compounds						Initial weight: 4.77 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.3	1	SW846 8260B	09-Dec-08	09-Dec-08	8120779	X
67-64-1	Acetone	BRL		µg/kg dry	63.3	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	12.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	63.3	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	31.6	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	12.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.7	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	12.7	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	12.7	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	63.3	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	63.3	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	63.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.3	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A37	127-17797-08009	Soil	04-Dec-08 10:25	05-Dec-08
SA88429-06				

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: 4.77 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.3	1	SW846 8260B	09-Dec-08	09-Dec-08	8120779	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	12.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	63.3	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	63.3	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	127	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	31.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2530	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*	*107*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	358	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	358	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	358	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	358	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	358	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	358	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	358	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	358	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	358	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	358	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	358	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	358	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	358	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	358	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A37 SA88429-06	127-17797-08009	Soil	04-Dec-08 10:25	05-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	358	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	358	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	358	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	358	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	358	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	358	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	358	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	358	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	358	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	358	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	358	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	358	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	358	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	358	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	358	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	358	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	358	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	358	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	358	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	358	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	358	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	358	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	358	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	358	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	358	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	358	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	358	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	358	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	358	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	358	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	358	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	358	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	358	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	358	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	358	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	358	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	358	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	358	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	358	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	358	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1430	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	358	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	358	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1430	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	358	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	358	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A37	127-17797-08009	Soil	04-Dec-08 10:25	05-Dec-08
SA88429-06				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	358	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	358	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	358	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	358	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	358	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	358	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	358	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	358	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	358	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*59*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*62*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*55*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*69*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*60*		*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	21.1	1	SW846 8082	11-Dec-08	13-Dec-08	8120964	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)*	*96*		*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	12-Dec-08	16-Dec-08	8121073	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-A37 SA88429-06	127-17797-08009	Soil	04-Dec-08 10:25	05-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	14.4	1	+CT ETPH	11-Dec-08	15-Dec-08	8120955	
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*	*64*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.52	1	SW846 6010B	10-Dec-08	11-Dec-08	8120571	X
7440-38-2	Arsenic	1.94		mg/kg dry	1.52	1	"	"	"	"	X
7440-39-3	Barium	36.1		mg/kg dry	1.02	1	"	"	"	"	X
7440-43-9	Cadmium	0.508		mg/kg dry	0.508	1	"	"	"	"	X
7440-47-3	Chromium	12.0		mg/kg dry	1.02	1	"	"	"	"	X
7439-97-6	Mercury	0.0384		mg/kg dry	0.0293	1	SW846 7471A	"	11-Dec-08	8120572	X
7439-92-1	Lead	26.3		mg/kg dry	1.52	1	SW846 6010B	"	11-Dec-08	8120571	X
7782-49-2	Selenium	BRL		mg/kg dry	1.52	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	90.4		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120675	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A38 SA88429-07	127-17797-08009	Soil	04-Dec-08 10:45	05-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	05-Dec-08	05-Dec-08	8120586	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.49 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.6	1	SW846 8260B	09-Dec-08	09-Dec-08	8120779	X
67-64-1	Acetone	BRL		µg/kg dry	56.4	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.6	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.3	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	56.4	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.3	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.3	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.6	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	5.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.6	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	5.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	56.4	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	56.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	56.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A38 SA88429-07	127-17797-08009	Soil	04-Dec-08 10:45	05-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds						Initial weight: 5.49 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.6	1	SW846 8260B	09-Dec-08	09-Dec-08	8120779	X
100-42-5	Styrene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.6	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.6	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	5.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	56.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	56.4	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	28.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2260	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*	*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	365	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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-A38	127-17797-08009	Soil	04-Dec-08 10:45	05-Dec-08
SA88429-07				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	365	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A38 SA88429-07	127-17797-08009	Soil	04-Dec-08 10:45	05-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	365	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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*	*47*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*49*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*47*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*44*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*55*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*49*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	22.3	1	SW846 8082	11-Dec-08	13-Dec-08	8120964	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.3	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.3	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.3	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	22.3	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*94*		*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	12-Dec-08	16-Dec-08	8121073	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)*	*72*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A38	127-17797-08009	Soil	04-Dec-08 10:45	05-Dec-08
SA88429-07				

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	14.7	1	+CT ETPH	11-Dec-08	15-Dec-08	8120955	
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*	66		50-150 %			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.49	1	SW846 6010B	10-Dec-08	11-Dec-08	8120571	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.49	1	"	"	"	"	X
7440-39-3	Barium	28.8		mg/kg dry	0.996	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.498	1	"	"	"	"	X
7440-47-3	Chromium	7.66		mg/kg dry	0.996	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0309	1	SW846 7471A	"	11-Dec-08	8120572	X
7439-92-1	Lead	6.25		mg/kg dry	1.49	1	SW846 6010B	"	11-Dec-08	8120571	X
7782-49-2	Selenium	BRL		mg/kg dry	1.49	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	89.7		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120676	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A39 SA88429-08	127-17797-08009	Soil	04-Dec-08 11:10	05-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	05-Dec-08	05-Dec-08	8120586	
Volatile Organic Compounds						Initial weight: 5.21 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	09-Dec-08	09-Dec-08	8120779	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-A39 SA88429-08	127-17797-08009	Soil	04-Dec-08 11:10	05-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	6.0	1	SW846 8260B	09-Dec-08	09-Dec-08	8120779	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*	*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*	*104*		*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	367	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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-A39 SA88429-08	127-17797-08009	Soil	04-Dec-08 11:10	05-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	367	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A39 SA88429-08	127-17797-08009	Soil	04-Dec-08 11:10	05-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	367	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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*	*51*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*56*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*52*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*49*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*59*		*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 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.2	1	SW846 8082	11-Dec-08	13-Dec-08	8120964	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)*	*97*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*126*		*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	12-Dec-08	16-Dec-08	8121073	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-A39 SA88429-08	127-17797-08009	Soil	04-Dec-08 11:10	05-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	11-Dec-08	15-Dec-08	8120955	
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*	*62*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.68	1	SW846 6010B	10-Dec-08	11-Dec-08	8120571	X
7440-38-2	Arsenic	1.78		mg/kg dry	1.68	1	"	"	"	"	X
7440-39-3	Barium	36.2		mg/kg dry	1.12	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.559	1	"	"	"	"	X
7440-47-3	Chromium	10.4		mg/kg dry	1.12	1	"	"	"	"	X
7439-97-6	Mercury	0.0883		mg/kg dry	0.0328	1	SW846 7471A	"	11-Dec-08	8120572	X
7439-92-1	Lead	20.2		mg/kg dry	1.68	1	SW846 6010B	"	11-Dec-08	8120571	X
7782-49-2	Selenium	BRL		mg/kg dry	1.68	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	89.3		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120676	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A40 SA88429-09	127-17797-08009	Soil	04-Dec-08 12:00	05-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	05-Dec-08	05-Dec-08	8120586	
Volatile Organic Compounds						Initial weight: 4.84 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	09-Dec-08	09-Dec-08	8120780	X
67-64-1	Acetone	BRL		µg/kg dry	60.9	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	60.9	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	60.9	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	60.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	60.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.1	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A40 SA88429-09	127-17797-08009	Soil	04-Dec-08 12:00	05-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds						Initial weight: 4.84 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.1	1	SW846 8260B	09-Dec-08	09-Dec-08	8120780	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	60.9	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	60.9	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*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*96*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*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	354	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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-A40 SA88429-09	127-17797-08009	Soil	04-Dec-08 12:00	05-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	354	1	SW846 8270C	11-Dec-08	12-Dec-08	8120983	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A40 SA88429-09	127-17797-08009	Soil	04-Dec-08 12:00	05-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	354	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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*	*46*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*49*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*47*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*41*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*52*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*46*		*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	11-Dec-08	13-Dec-08	8120964	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)*	*91*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*102*		*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	12-Dec-08	16-Dec-08	8121073	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-A40 SA88429-09	127-17797-08009	Soil	04-Dec-08 12:00	05-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	11-Dec-08	15-Dec-08	8120955	
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*	*63*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.41	1	SW846 6010B	10-Dec-08	11-Dec-08	8120571	X
7440-38-2	Arsenic	2.66		mg/kg dry	1.41	1	"	"	"	"	X
7440-39-3	Barium	36.2		mg/kg dry	0.937	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.469	1	"	"	"	"	X
7440-47-3	Chromium	5.98		mg/kg dry	0.937	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0327	1	SW846 7471A	"	11-Dec-08	8120572	X
7439-92-1	Lead	18.7		mg/kg dry	1.41	1	SW846 6010B	"	11-Dec-08	8120571	X
7782-49-2	Selenium	BRL		mg/kg dry	1.41	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	91.7		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120676	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A41 SA88429-10	127-17797-08009	Soil	04-Dec-08 12:40	05-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	05-Dec-08	05-Dec-08	8120586	
Volatile Organic Compounds						Initial weight: 5.44 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	09-Dec-08	09-Dec-08	8120780	X
67-64-1	Acetone	BRL		µg/kg dry	53.5	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	10.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	53.5	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	26.7	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	53.5	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	53.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	53.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.3	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A41	127-17797-08009	Soil	04-Dec-08 12:40	05-Dec-08
SA88429-10				

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	5.3	1	SW846 8260B	09-Dec-08	09-Dec-08	8120780	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	53.5	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	53.5	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*	*94*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*123*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	356	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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	466		µg/kg dry	356	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	356		µg/kg dry	356	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	490		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-A41 SA88429-10	127-17797-08009	Soil	04-Dec-08 12:40	05-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	356	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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	585		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	931		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-A41 SA88429-10	127-17797-08009	Soil	04-Dec-08 12:40	05-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	356	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	356	1	"	"	"	"	X
85-01-8	Phenanthrene	377		µg/kg dry	356	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	356	1	"	"	"	"	X
129-00-0	Pyrene	962		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*	*44*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*47*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*44*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*42*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*50*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*44*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.2	1	SW846 8082	11-Dec-08	13-Dec-08	8120964	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)*	*95*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*66*		*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	12-Dec-08	16-Dec-08	8121073	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)*	*101*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A41 SA88429-10	127-17797-08009	Soil	04-Dec-08 12:40	05-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	11-Dec-08	15-Dec-08	8120955	
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	82.6		mg/kg dry	14.3	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	82.6		mg/kg dry	14.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	82.6		mg/kg dry	14.3	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*58*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.54	1	SW846 6010B	10-Dec-08	11-Dec-08	8120571	X
7440-38-2	Arsenic	7.11		mg/kg dry	1.54	1	"	"	"	"	X
7440-39-3	Barium	50.6		mg/kg dry	1.03	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.513	1	"	"	"	"	X
7440-47-3	Chromium	6.95		mg/kg dry	1.03	1	"	"	"	"	X
7439-97-6	Mercury	0.0292		mg/kg dry	0.0289	1	SW846 7471A	"	11-Dec-08	8120572	X
7439-92-1	Lead	35.5		mg/kg dry	1.54	1	SW846 6010B	"	11-Dec-08	8120571	X
7782-49-2	Selenium	BRL		mg/kg dry	1.54	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	92.8		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120676	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A42 SA88429-11	127-17797-08009	Soil	04-Dec-08 13:25	05-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	05-Dec-08	05-Dec-08	8120586	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.02 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.7	1	SW846 8260B	09-Dec-08	09-Dec-08	8120780	X
67-64-1	Acetone	BRL		µg/kg dry	56.8	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	56.8	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	28.4	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	56.8	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	56.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	56.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.7	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A42 SA88429-11	127-17797-08009	Soil	04-Dec-08 13:25	05-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds						Initial weight: 5.02 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.7	1	SW846 8260B	09-Dec-08	09-Dec-08	8120780	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	56.8	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	56.8	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	28.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2270	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*	*121*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*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	347	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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-A42	127-17797-08009	Soil	04-Dec-08 13:25	05-Dec-08
SA88429-11				

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	347	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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-A42 SA88429-11	127-17797-08009	Soil	04-Dec-08 13:25	05-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	347	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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*	*38*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*42*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*38*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*38*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*46*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*40*		*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	11-Dec-08	13-Dec-08	8120964	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)*	*95*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*126*		*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	12-Dec-08	16-Dec-08	8121073	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-A42 SA88429-11	127-17797-08009	Soil	04-Dec-08 13:25	05-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	11-Dec-08	15-Dec-08	8120955	
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	22.7		mg/kg dry	14.0	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	22.7		mg/kg dry	14.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	22.7		mg/kg dry	14.0	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/kg dry	1.53	1	SW846 6010B	10-Dec-08	11-Dec-08	8120571	X
7440-38-2	Arsenic	2.13		mg/kg dry	1.53	1	"	"	"	"	X
7440-39-3	Barium	38.0		mg/kg dry	1.02	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.510	1	"	"	"	"	X
7440-47-3	Chromium	7.61		mg/kg dry	1.02	1	"	"	"	"	X
7439-97-6	Mercury	0.0374		mg/kg dry	0.0290	1	SW846 7471A	"	11-Dec-08	8120572	X
7439-92-1	Lead	34.6		mg/kg dry	1.53	1	SW846 6010B	"	11-Dec-08	8120571	X
7782-49-2	Selenium	BRL		mg/kg dry	1.53	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	93.4		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120676	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A43 SA88429-12	127-17797-08009	Soil	04-Dec-08 13:45	05-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	05-Dec-08	05-Dec-08	8120586	
Volatile Organic Compounds						Initial weight: 5.87 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.0	1	SW846 8260B	09-Dec-08	10-Dec-08	8120780	X
67-64-1	Acetone	BRL		µg/kg dry	49.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	49.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	24.8	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.9	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.9	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.9	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	49.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	49.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	49.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A43	127-17797-08009	Soil	04-Dec-08 13:45	05-Dec-08
SA88429-12				

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: 5.87 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.0	1	SW846 8260B	09-Dec-08	10-Dec-08	8120780	X
100-42-5	Styrene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.9	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	49.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	49.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	99.3	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	24.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1990	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*	*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	350	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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-A43 SA88429-12	127-17797-08009	Soil	04-Dec-08 13:45	05-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	350	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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-A43 SA88429-12	127-17797-08009	Soil	04-Dec-08 13:45	05-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	350	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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*	*57*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*63*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*56*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*68*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*59*		*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	11-Dec-08	13-Dec-08	8120964	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)*	*97*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*97*		*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	12-Dec-08	16-Dec-08	8121073	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-A43 SA88429-12	127-17797-08009	Soil	04-Dec-08 13:45	05-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	11-Dec-08	15-Dec-08	8120955	
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*	*67*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.46	1	SW846 6010B	10-Dec-08	11-Dec-08	8120571	X
7440-38-2	Arsenic	1.89		mg/kg dry	1.46	1	"	"	"	"	X
7440-39-3	Barium	45.2		mg/kg dry	0.971	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.485	1	"	"	"	"	X
7440-47-3	Chromium	9.10		mg/kg dry	0.971	1	"	"	"	"	X
7439-97-6	Mercury	0.0420		mg/kg dry	0.0299	1	SW846 7471A	"	11-Dec-08	8120572	X
7439-92-1	Lead	17.4		mg/kg dry	1.46	1	SW846 6010B	"	11-Dec-08	8120571	X
7782-49-2	Selenium	BRL		mg/kg dry	1.46	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	92.9		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120676	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A44	127-17797-08009	Soil	04-Dec-08 14:10	05-Dec-08
SA88429-13				

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	05-Dec-08	05-Dec-08	8120586	
Volatile Organic Compounds						Initial weight: 5.12 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	09-Dec-08	10-Dec-08	8120780	X
67-64-1	Acetone	BRL		µg/kg dry	60.1	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	60.1	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	60.1	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	60.1	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	60.1	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A44 SA88429-13	127-17797-08009	Soil	04-Dec-08 14:10	05-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds						Initial weight: 5.12 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.0	1	SW846 8260B	09-Dec-08	10-Dec-08	8120780	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	60.1	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	60.1	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*	*85*		*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	361	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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-A44	127-17797-08009	Soil	04-Dec-08 14:10	05-Dec-08
SA88429-13				

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	361	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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-A44 SA88429-13	127-17797-08009	Soil	04-Dec-08 14:10	05-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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	361	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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*	*43*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*46*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*43*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*40*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*50*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*45*		*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	11-Dec-08	13-Dec-08	8120964	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)*	*100*		*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	12-Dec-08	16-Dec-08	8121073	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)*	*57*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A44 SA88429-13	127-17797-08009	Soil	04-Dec-08 14:10	05-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	11-Dec-08	15-Dec-08	8120955	
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*	*55*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.46	1	SW846 6010B	10-Dec-08	11-Dec-08	8120571	X
7440-38-2	Arsenic	3.27		mg/kg dry	1.46	1	"	"	"	"	X
7440-39-3	Barium	50.0		mg/kg dry	0.973	1	"	"	"	"	X
7440-43-9	Cadmium	0.579		mg/kg dry	0.486	1	"	"	"	"	X
7440-47-3	Chromium	10.8		mg/kg dry	0.973	1	"	"	"	"	X
7439-97-6	Mercury	0.182		mg/kg dry	0.0304	1	SW846 7471A	"	11-Dec-08	8120572	X
7439-92-1	Lead	41.0		mg/kg dry	1.46	1	SW846 6010B	"	11-Dec-08	8120571	X
7782-49-2	Selenium	BRL		mg/kg dry	1.46	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	89.8		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120676	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A45 SA88429-14	127-17797-08009	Soil	04-Dec-08 14:35	05-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	05-Dec-08	05-Dec-08	8120586	
Volatile Organic Compounds						Initial weight: 4.96 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.9	1	SW846 8260B	09-Dec-08	10-Dec-08	8120780	X
67-64-1	Acetone	BRL		µg/kg dry	78.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.9	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.9	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	15.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	78.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	39.3	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.9	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	15.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	15.7	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.7	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.9	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.7	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	78.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	78.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	78.6	1	"	"	"	"	X
91-20-3	Naphthalene	20.4		µg/kg dry	7.9	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A45 SA88429-14	127-17797-08009	Soil	04-Dec-08 14:35	05-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: 4.96 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.9	1	SW846 8260B	09-Dec-08	10-Dec-08	8120780	X
100-42-5	Styrene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.9	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.9	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	15.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	78.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	78.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	157	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	39.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3140	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*90*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*96*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	6,200		µg/kg dry	2050	5	SW846 8270C	11-Dec-08	12-Dec-08	8120963	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	2050	5	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	2050	5	"	"	"	"	X
120-12-7	Anthracene	12,800		µg/kg dry	2050	5	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	2050	5	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	2050	5	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	2050	5	"	"	"	"	X
56-55-3	Benzo (a) anthracene	18,500		µg/kg dry	2050	5	"	"	"	"	X
50-32-8	Benzo (a) pyrene	11,300		µg/kg dry	2050	5	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	9,460		µg/kg dry	2050	5	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	4,240		µg/kg dry	2050	5	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	9,080		µg/kg dry	2050	5	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	2050	5	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	2050	5	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A45 SA88429-14	127-17797-08009	Soil	04-Dec-08 14:35	05-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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	2050	5	SW846 8270C	11-Dec-08	12-Dec-08	8120963	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	2050	5	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	2050	5	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	2050	5	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	2050	5	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	2050	5	"	"	"	"	X
86-74-8	Carbazole	3,790		µg/kg dry	2050	5	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	2050	5	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	2050	5	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	2050	5	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	2050	5	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	2050	5	"	"	"	"	X
218-01-9	Chrysene	16,800		µg/kg dry	2050	5	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	2050	5	"	"	"	"	X
132-64-9	Dibenzofuran	4,410		µg/kg dry	2050	5	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	2050	5	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	2050	5	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	2050	5	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	2050	5	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	2050	5	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	2050	5	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	2050	5	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	2050	5	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	2050	5	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	2050	5	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	2050	5	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	2050	5	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	2050	5	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	2050	5	"	"	"	"	X
206-44-0	Fluoranthene	40,700	E	µg/kg dry	2050	5	"	"	"	"	X
86-73-7	Fluorene	6,980		µg/kg dry	2050	5	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	2050	5	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	2050	5	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	2050	5	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	2050	5	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	6,010		µg/kg dry	2050	5	"	"	"	"	X
90-12-0	1-Methylnaphthalene	2,220		µg/kg dry	2050	5	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	2050	5	"	"	"	"	X
91-57-6	2-Methylnaphthalene	2,220		µg/kg dry	2050	5	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	2050	5	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	2050	5	"	"	"	"	X
91-20-3	Naphthalene	3,240		µg/kg dry	2050	5	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	2050	5	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	2050	5	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	8210	5	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	2050	5	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	2050	5	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	8210	5	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	2050	5	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	2050	5	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A45	127-17797-08009	Soil	04-Dec-08 14:35	05-Dec-08
SA88429-14				

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	2050	5	SW846 8270C	11-Dec-08	12-Dec-08	8120963	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	2050	5	"	"	"	"	X
85-01-8	Phenanthrene	48,500	E	µg/kg dry	2050	5	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	2050	5	"	"	"	"	X
129-00-0	Pyrene	39,400	E	µg/kg dry	2050	5	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	2050	5	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	2050	5	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	2050	5	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	2050	5	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	2050	5	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	2050	5	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*69*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*69*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*66*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*64*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*76*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*66*		*15-110 %*			"	"	"	"	
Re-analysis of Semivolatile Organic Compounds by SW846 8270C											
83-32-9	Acenaphthene	BRL		µg/kg dry	10300	25	SW846 8270C	11-Dec-08	16-Dec-08	8120963	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	10300	25	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	10300	25	"	"	"	"	X
120-12-7	Anthracene	14,100		µg/kg dry	10300	25	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	10300	25	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	10300	25	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	10300	25	"	"	"	"	X
56-55-3	Benzo (a) anthracene	20,700		µg/kg dry	10300	25	"	"	"	"	X
50-32-8	Benzo (a) pyrene	12,200		µg/kg dry	10300	25	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	10300	25	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	10300	25	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	11,100		µg/kg dry	10300	25	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	10300	25	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	10300	25	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	10300	25	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	10300	25	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	10300	25	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	10300	25	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	10300	25	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	10300	25	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	10300	25	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	10300	25	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	10300	25	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	10300	25	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	10300	25	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	10300	25	"	"	"	"	X
218-01-9	Chrysene	18,500		µg/kg dry	10300	25	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	10300	25	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	10300	25	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	10300	25	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	10300	25	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A45 SA88429-14	127-17797-08009	Soil	04-Dec-08 14:35	05-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 3545A											
Re-analysis of Semivolatile Organic Compounds by SW846 8270C											
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	10300	25	SW846 8270C	11-Dec-08	16-Dec-08	8120963	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	10300	25	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	10300	25	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	10300	25	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	10300	25	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	10300	25	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	10300	25	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	10300	25	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	10300	25	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	10300	25	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	10300	25	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	10300	25	"	"	"	"	X
206-44-0	Fluoranthene	44,100		µg/kg dry	10300	25	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	10300	25	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	10300	25	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	10300	25	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	10300	25	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	10300	25	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	10300	25	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	10300	25	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	10300	25	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	10300	25	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	10300	25	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	10300	25	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	10300	25	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	10300	25	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	10300	25	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	41100	25	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	10300	25	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	10300	25	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	41100	25	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	10300	25	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	10300	25	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	10300	25	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	10300	25	"	"	"	"	X
85-01-8	Phenanthrene	50,600		µg/kg dry	10300	25	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	10300	25	"	"	"	"	X
129-00-0	Pyrene	44,500		µg/kg dry	10300	25	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	10300	25	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	10300	25	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	10300	25	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	10300	25	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	10300	25	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	10300	25	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*112*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*90*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*77*		*30-130 %*			"	"	"	"	

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-A45 SA88429-14	127-17797-08009	Soil	04-Dec-08 14:35	05-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 3545A											
Re-analysis of Semivolatile Organic Compounds by SW846 8270C											
4165-62-2	*Phenol-d5*	*87*		*15-110 %*			SW846 8270C	11-Dec-08	16-Dec-08	8120963	
1718-51-0	*Terphenyl-dl4*	*240*	S06	*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*170*	S06	*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	24.3	1	SW846 8082	11-Dec-08	13-Dec-08	8120964	X
11104-28-2	PCB 1221	BRL		µg/kg dry	24.3	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	24.3	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	24.3	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	24.3	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	24.3	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	24.3	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	24.3	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	24.3	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*113*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*76*		*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	12-Dec-08	16-Dec-08	8121073	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)*	*77*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	16.7	1	+CT ETPH	11-Dec-08	15-Dec-08	8120955	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.7	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.7	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.7	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.7	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.7	1	"	"	"	"	
	Unidentified	334		mg/kg dry	16.7	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	16.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	334		mg/kg dry	16.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	334		mg/kg dry	16.7	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*564*	S02	*50-150 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A45 SA88429-14	127-17797-08009	Soil	04-Dec-08 14:35	05-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.91	1	SW846 6010B	10-Dec-08	11-Dec-08	8120571	X
7440-38-2	Arsenic	3.75		mg/kg dry	1.91	1	"	"	"	"	X
7440-39-3	Barium	70.3		mg/kg dry	1.27	1	"	"	"	"	X
7440-43-9	Cadmium	1.04		mg/kg dry	0.636	1	"	"	"	"	X
7440-47-3	Chromium	15.7		mg/kg dry	1.27	1	"	"	"	"	X
7439-97-6	Mercury	0.485		mg/kg dry	0.0367	1	SW846 7471A	"	11-Dec-08	8120572	X
7439-92-1	Lead	84.8		mg/kg dry	1.91	1	SW846 6010B	"	11-Dec-08	8120571	X
7782-49-2	Selenium	BRL		mg/kg dry	1.91	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-Dec-08	22-Dec-08	8121708	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	SW846 1312/6010B	23-Dec-08	23-Dec-08	8121759	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	24-Dec-08	8121760	
7439-92-1	Lead	0.0184		mg/l	0.0075	1	SW846 1312/6010B	"	23-Dec-08	8121759	
General Chemistry Parameters											
	% Solids	78.1		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120676	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A46 SA88429-15	127-17797-08009	Soil	04-Dec-08 15:00	05-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	05-Dec-08	05-Dec-08	8120586	
Volatile Organic Compounds						Initial weight: 5.63 g					
Prepared by method SW846 5035A Soil (low level)											
Re-analysis of Volatile Organic Compounds											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.9	1	SW846 8260B	10-Dec-08	10-Dec-08	8120869	X
67-64-1	Acetone	BRL		µg/kg dry	58.9	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	58.9	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	29.4	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	58.9	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	58.9	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A46 SA88429-15	127-17797-08009	Soil	04-Dec-08 15:00	05-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds						Initial weight: 5.63 g					
Prepared by method SW846 5035A Soil (low level)											
Re-analysis of Volatile Organic Compounds											
75-09-2	Methylene chloride	BRL		µg/kg dry	58.9	1	SW846 8260B	10-Dec-08	10-Dec-08	8120869	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	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	58.9	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	58.9	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	29.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2360	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*	*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	376	1	SW846 8270C	11-Dec-08	12-Dec-08	8120983	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	607		µg/kg dry	376	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	390		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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A46	127-17797-08009	Soil	04-Dec-08 15:00	05-Dec-08
SA88429-15				

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											
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	376	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	376	1	"	"	"	"	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	572		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	1,230		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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A46 SA88429-15	127-17797-08009	Soil	04-Dec-08 15:00	05-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 3545A											
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1500	1	SW846 8270C	11-Dec-08	12-Dec-08	8120963	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
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	376	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
85-01-8	Phenanthrene	1,350		µg/kg dry	376	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	376	1	"	"	"	"	X
129-00-0	Pyrene	1,240		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*	*38*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*42*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*38*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*37*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*44*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*41*		*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	21.9	1	SW846 8082	11-Dec-08	13-Dec-08	8120964	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)*	*97*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*106*		*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	12-Dec-08	16-Dec-08	8121073	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A46 SA88429-15	127-17797-08009	Soil	04-Dec-08 15:00	05-Dec-08

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											
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*54*		*30-150 %*			SW846 8151A	12-Dec-08	16-Dec-08	8121073	
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	11-Dec-08	15-Dec-08	8120955	
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	38.8		mg/kg dry	15.2	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	38.8		mg/kg dry	15.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	38.8		mg/kg dry	15.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*72*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.60	1	SW846 6010B	10-Dec-08	11-Dec-08	8120571	X
7440-38-2	Arsenic	2.68		mg/kg dry	1.60	1	"	"	"	"	X
7440-39-3	Barium	72.9		mg/kg dry	1.06	1	"	"	"	"	X
7440-43-9	Cadmium	0.654		mg/kg dry	0.532	1	"	"	"	"	X
7440-47-3	Chromium	14.3		mg/kg dry	1.06	1	"	"	"	"	X
7439-97-6	Mercury	0.358		mg/kg dry	0.0321	1	SW846 7471A	"	11-Dec-08	8120572	X
7439-92-1	Lead	29.6		mg/kg dry	1.60	1	SW846 6010B	"	11-Dec-08	8120571	X
7782-49-2	Selenium	BRL		mg/kg dry	1.60	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	86.7		%		1	SM2540 G Mod.	08-Dec-08	08-Dec-08	8120676	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank SA88429-16	127-17797-08009	Deionized Water	04-Dec-08 08:00	05-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	10-Dec-08	11-Dec-08	8120878	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank SA88429-16	127-17797-08009	Deionized Water	04-Dec-08 08:00	05-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	10-Dec-08	11-Dec-08	8120878	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*	*100*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*113*		*70-130 %*			"	"	"	"	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120709 - SW846 5030 Soil (high level)										
Blank (8120709-BLK1)										
Prepared: 08-Dec-08 Analyzed: 09-Dec-08										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120709 - SW846 5030 Soil (high level)										
Blank (8120709-BLK1)										
Prepared: 08-Dec-08 Analyzed: 09-Dec-08										
n-Propylbenzene	BRL		µg/kg wet	1.0						
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	*30.4*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*30.3*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.7*		µg/kg wet		*30.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*31.2*		µg/kg wet		*30.0*		*104*	*70-130*		
LCS (8120709-BS1)										
Prepared: 08-Dec-08 Analyzed: 09-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.9		µg/kg wet		20.0		90	70-130		
Acetone	25.2		µg/kg wet		20.0		126	0-168		
Acrylonitrile	20.8		µg/kg wet		20.0		104	70-130		
Benzene	20.4		µg/kg wet		20.0		102	70-130		
Bromobenzene	20.0		µg/kg wet		20.0		100	70-130		
Bromochloromethane	21.8		µg/kg wet		20.0		109	70-130		
Bromodichloromethane	20.2		µg/kg wet		20.0		101	70-130		
Bromoform	18.6		µg/kg wet		20.0		93	70-130		
Bromomethane	21.4		µg/kg wet		20.0		107	40.9-138		
2-Butanone (MEK)	21.3		µg/kg wet		20.0		106	29.8-145		
n-Butylbenzene	18.3		µg/kg wet		20.0		92	70-130		
sec-Butylbenzene	20.0		µg/kg wet		20.0		100	70-130		
tert-Butylbenzene	20.0		µg/kg wet		20.0		100	70-130		
Carbon disulfide	16.7		µg/kg wet		20.0		84	70-130		
Carbon tetrachloride	18.2		µg/kg wet		20.0		91	70-130		
Chlorobenzene	20.7		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 8120709 - SW846 5030 Soil (high level)										
LCS (8120709-BS1)										
Prepared: 08-Dec-08 Analyzed: 09-Dec-08										
Chloroethane	21.5		µg/kg wet		20.0		107	47.5-130		
Chloroform	19.6		µg/kg wet		20.0		98	70-130		
Chloromethane	18.4		µg/kg wet		20.0		92	70-130		
2-Chlorotoluene	18.4		µg/kg wet		20.0		92	70-130		
4-Chlorotoluene	19.5		µg/kg wet		20.0		98	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		93	66.2-130		
1,2-Dibromoethane (EDB)	20.4		µg/kg wet		20.0		102	70-130		
Dibromomethane	21.0		µg/kg wet		20.0		105	70-130		
1,2-Dichlorobenzene	19.6		µg/kg wet		20.0		98	70-130		
1,3-Dichlorobenzene	19.7		µg/kg wet		20.0		98	70-130		
1,4-Dichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
Dichlorodifluoromethane (Freon12)	18.3		µg/kg wet		20.0		92	32-158		
1,1-Dichloroethane	20.0		µg/kg wet		20.0		100	70-130		
1,2-Dichloroethane	20.7		µg/kg wet		20.0		104	70-130		
1,1-Dichloroethene	18.5		µg/kg wet		20.0		93	70-130		
cis-1,2-Dichloroethene	18.8		µg/kg wet		20.0		94	70-130		
trans-1,2-Dichloroethene	20.3		µg/kg wet		20.0		102	70-130		
1,2-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130		
1,3-Dichloropropane	21.2		µg/kg wet		20.0		106	70-130		
2,2-Dichloropropane	15.2		µg/kg wet		20.0		76	70-130		
1,1-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130		
cis-1,3-Dichloropropene	18.2		µg/kg wet		20.0		91	70-130		
trans-1,3-Dichloropropene	17.2		µg/kg wet		20.0		86	70-130		
Ethylbenzene	19.9		µg/kg wet		20.0		100	70-130		
Hexachlorobutadiene	19.3		µg/kg wet		20.0		96	53.6-138		
2-Hexanone (MBK)	20.0		µg/kg wet		20.0		100	70-130		
Isopropylbenzene	21.0		µg/kg wet		20.0		105	70-130		
4-Isopropyltoluene	18.6		µg/kg wet		20.0		93	70-130		
Methyl tert-butyl ether	22.5		µg/kg wet		20.0		113	70-130		
4-Methyl-2-pentanone (MIBK)	20.7		µg/kg wet		20.0		104	53.5-137		
Methylene chloride	19.9		µg/kg wet		20.0		99	70-130		
Naphthalene	19.3		µg/kg wet		20.0		96	70-130		
n-Propylbenzene	20.4		µg/kg wet		20.0		102	70-130		
Styrene	19.7		µg/kg wet		20.0		98	70-130		
1,1,1,2-Tetrachloroethane	19.3		µg/kg wet		20.0		97	70-130		
1,1,2,2-Tetrachloroethane	23.4		µg/kg wet		20.0		117	70-130		
Tetrachloroethene	19.0		µg/kg wet		20.0		95	70-130		
Toluene	20.6		µg/kg wet		20.0		103	70-130		
1,2,3-Trichlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
1,2,4-Trichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
1,3,5-Trichlorobenzene	19.9		µg/kg wet		20.0		100	70-130		
1,1,1-Trichloroethane	19.2		µg/kg wet		20.0		96	70-130		
1,1,2-Trichloroethane	21.5		µg/kg wet		20.0		108	70-130		
Trichloroethene	19.2		µg/kg wet		20.0		96	70-130		
Trichlorofluoromethane (Freon 11)	19.7		µg/kg wet		20.0		98	50.9-138		
1,2,3-Trichloropropane	20.2		µg/kg wet		20.0		101	70-130		
1,2,4-Trimethylbenzene	19.7		µg/kg wet		20.0		98	70-130		
1,3,5-Trimethylbenzene	19.6		µg/kg wet		20.0		98	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120709 - SW846 5030 Soil (high level)										
LCS (8120709-BS1)										
Prepared: 08-Dec-08 Analyzed: 09-Dec-08										
Vinyl chloride	17.2		µg/kg wet		20.0		86	70-130		
m,p-Xylene	40.1		µg/kg wet		40.0		100	70-130		
o-Xylene	20.0		µg/kg wet		20.0		100	70-130		
Tetrahydrofuran	21.4		µg/kg wet		20.0		107	70-130		
Ethyl ether	21.9		µg/kg wet		20.0		109	61.4-130		
Tert-amyl methyl ether	20.9		µg/kg wet		20.0		105	70-130		
Ethyl tert-butyl ether	20.9		µg/kg wet		20.0		105	70-130		
Di-isopropyl ether	22.6		µg/kg wet		20.0		113	70-130		
Tert-Butanol / butyl alcohol	210		µg/kg wet		200		105	70-130		
1,4-Dioxane	198		µg/kg wet		200		99	48.3-142		
trans-1,4-Dichloro-2-butene	17.4		µg/kg wet		20.0		87	70-130		
Ethanol	396		µg/kg wet		400		99	70-130		
Surrogate: 4-Bromofluorobenzene	*30.0*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*30.4*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.2*		µg/kg wet		*30.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*31.5*		µg/kg wet		*30.0*		*105*	*70-130*		
LCS Dup (8120709-BSD1)										
Prepared: 08-Dec-08 Analyzed: 09-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.2		µg/kg wet		20.0		86	70-130	4	25
Acetone	23.6		µg/kg wet		20.0		118	0-168	7	50
Acrylonitrile	22.1		µg/kg wet		20.0		111	70-130	6	25
Benzene	20.6		µg/kg wet		20.0		103	70-130	1	25
Bromobenzene	20.5		µg/kg wet		20.0		103	70-130	3	25
Bromochloromethane	22.4		µg/kg wet		20.0		112	70-130	3	25
Bromodichloromethane	19.9		µg/kg wet		20.0		100	70-130	2	25
Bromoform	19.4		µg/kg wet		20.0		97	70-130	4	25
Bromomethane	19.5		µg/kg wet		20.0		97	40.9-138	9	50
2-Butanone (MEK)	21.0		µg/kg wet		20.0		105	29.8-145	1	50
n-Butylbenzene	17.6		µg/kg wet		20.0		88	70-130	4	25
sec-Butylbenzene	20.0		µg/kg wet		20.0		100	70-130	0.2	25
tert-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130	0.6	25
Carbon disulfide	16.2		µg/kg wet		20.0		81	70-130	3	25
Carbon tetrachloride	17.2		µg/kg wet		20.0		86	70-130	6	25
Chlorobenzene	21.3		µg/kg wet		20.0		107	70-130	3	25
Chloroethane	20.0		µg/kg wet		20.0		100	47.5-130	7	50
Chloroform	19.3		µg/kg wet		20.0		96	70-130	1	25
Chloromethane	17.6		µg/kg wet		20.0		88	70-130	4	25
2-Chlorotoluene	19.1		µg/kg wet		20.0		96	70-130	4	25
4-Chlorotoluene	19.7		µg/kg wet		20.0		98	70-130	0.9	25
1,2-Dibromo-3-chloropropane	18.6		µg/kg wet		20.0		93	70-130	1	25
Dibromochloromethane	19.5		µg/kg wet		20.0		97	66.2-130	4	50
1,2-Dibromoethane (EDB)	20.9		µg/kg wet		20.0		104	70-130	3	25
Dibromomethane	21.9		µg/kg wet		20.0		110	70-130	4	25
1,2-Dichlorobenzene	19.4		µg/kg wet		20.0		97	70-130	1	25
1,3-Dichlorobenzene	19.9		µg/kg wet		20.0		100	70-130	1	25
1,4-Dichlorobenzene	19.3		µg/kg wet		20.0		96	70-130	0.7	25
Dichlorodifluoromethane (Freon12)	16.6		µg/kg wet		20.0		83	32-158	10	50
1,1-Dichloroethane	19.5		µg/kg wet		20.0		97	70-130	3	25
1,2-Dichloroethane	21.7		µg/kg wet		20.0		109	70-130	5	25
1,1-Dichloroethene	17.4		µg/kg wet		20.0		87	70-130	6	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120709 - SW846 5030 Soil (high level)										
LCS Dup (8120709-BSD1)										
Prepared: 08-Dec-08 Analyzed: 09-Dec-08										
cis-1,2-Dichloroethene	19.1		µg/kg wet		20.0		96	70-130	2	25
trans-1,2-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130	2	25
1,2-Dichloropropane	20.9		µg/kg wet		20.0		104	70-130	1	25
1,3-Dichloropropane	21.8		µg/kg wet		20.0		109	70-130	3	25
2,2-Dichloropropane	14.5		µg/kg wet		20.0		72	70-130	5	25
1,1-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130	2	25
cis-1,3-Dichloropropene	18.1		µg/kg wet		20.0		90	70-130	0.9	25
trans-1,3-Dichloropropene	16.9		µg/kg wet		20.0		84	70-130	2	25
Ethylbenzene	20.0		µg/kg wet		20.0		100	70-130	0.5	25
Hexachlorobutadiene	19.0		µg/kg wet		20.0		95	53.6-138	1	50
2-Hexanone (MBK)	20.6		µg/kg wet		20.0		103	70-130	3	25
Isopropylbenzene	21.4		µg/kg wet		20.0		107	70-130	1	25
4-Isopropyltoluene	18.0		µg/kg wet		20.0		90	70-130	3	25
Methyl tert-butyl ether	23.5		µg/kg wet		20.0		118	70-130	4	25
4-Methyl-2-pentanone (MIBK)	21.6		µg/kg wet		20.0		108	53.5-137	4	50
Methylene chloride	20.6		µg/kg wet		20.0		103	70-130	4	25
Naphthalene	18.5		µg/kg wet		20.0		92	70-130	4	25
n-Propylbenzene	20.2		µg/kg wet		20.0		101	70-130	1	25
Styrene	18.9		µg/kg wet		20.0		94	70-130	4	25
1,1,1,2-Tetrachloroethane	20.0		µg/kg wet		20.0		100	70-130	3	25
1,1,2,2-Tetrachloroethane	23.4		µg/kg wet		20.0		117	70-130	0.04	25
Tetrachloroethene	18.2		µg/kg wet		20.0		91	70-130	4	25
Toluene	20.4		µg/kg wet		20.0		102	70-130	1	25
1,2,3-Trichlorobenzene	19.7		µg/kg wet		20.0		99	70-130	5	25
1,2,4-Trichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	3	25
1,3,5-Trichlorobenzene	19.6		µg/kg wet		20.0		98	70-130	2	25
1,1,1-Trichloroethane	18.2		µg/kg wet		20.0		91	70-130	5	25
1,1,2-Trichloroethane	21.4		µg/kg wet		20.0		107	70-130	0.4	25
Trichloroethene	18.9		µg/kg wet		20.0		95	70-130	2	25
Trichlorofluoromethane (Freon 11)	18.2		µg/kg wet		20.0		91	50.9-138	8	50
1,2,3-Trichloropropane	21.1		µg/kg wet		20.0		105	70-130	4	25
1,2,4-Trimethylbenzene	20.1		µg/kg wet		20.0		100	70-130	2	25
1,3,5-Trimethylbenzene	20.1		µg/kg wet		20.0		100	70-130	2	25
Vinyl chloride	15.8		µg/kg wet		20.0		79	70-130	8	25
m,p-Xylene	40.0		µg/kg wet		40.0		100	70-130	0.3	25
o-Xylene	20.5		µg/kg wet		20.0		102	70-130	2	25
Tetrahydrofuran	25.4		µg/kg wet		20.0		127	70-130	17	25
Ethyl ether	22.4		µg/kg wet		20.0		112	61.4-130	2	50
Tert-amyl methyl ether	21.5		µg/kg wet		20.0		108	70-130	3	25
Ethyl tert-butyl ether	21.5		µg/kg wet		20.0		108	70-130	3	25
Di-isopropyl ether	23.0		µg/kg wet		20.0		115	70-130	2	25
Tert-Butanol / butyl alcohol	245		µg/kg wet		200		123	70-130	16	25
1,4-Dioxane	227		µg/kg wet		200		114	48.3-142	14	25
trans-1,4-Dichloro-2-butene	17.4		µg/kg wet		20.0		87	70-130	0.06	25
Ethanol	414		µg/kg wet		400		103	70-130	4	30
Surrogate: 4-Bromofluorobenzene	*31.3*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*29.9*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.2*		µg/kg wet		*30.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*31.4*		µg/kg wet		*30.0*		*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 8120709 - SW846 5030 Soil (high level)										
Matrix Spike (8120709-MS1) **Source: SA88338-09**										
Prepared: 08-Dec-08 Analyzed: 09-Dec-08										
Benzene	22.7		µg/kg dry		20.0	BRL	114	70-130		
Chlorobenzene	22.6		µg/kg dry		20.0	BRL	113	70-130		
1,1-Dichloroethene	21.6		µg/kg dry		20.0	BRL	108	70-130		
Toluene	22.6		µg/kg dry		20.0	BRL	113	70-130		
Trichloroethene	20.9		µg/kg dry		20.0	BRL	104	70-130		
Surrogate: 4-Bromofluorobenzene	*31.5*		µg/kg dry		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*30.6*		µg/kg dry		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.0*		µg/kg dry		*30.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*31.0*		µg/kg dry		*30.0*		*103*	*70-130*		
Matrix Spike Dup (8120709-MSD1) **Source: SA88338-09**										
Prepared: 08-Dec-08 Analyzed: 09-Dec-08										
Benzene	23.4		µg/kg dry		20.0	BRL	117	70-130	3	30
Chlorobenzene	23.4		µg/kg dry		20.0	BRL	117	70-130	3	30
1,1-Dichloroethene	21.9		µg/kg dry		20.0	BRL	109	70-130	1	30
Toluene	23.3		µg/kg dry		20.0	BRL	117	70-130	3	30
Trichloroethene	29.0	QM7	µg/kg dry		20.0	BRL	145	70-130	33	30
Surrogate: 4-Bromofluorobenzene	*33.1*		µg/kg dry		*30.0*		*110*	*70-130*		
Surrogate: Toluene-d8	*30.5*		µg/kg dry		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.1*		µg/kg dry		*30.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*30.5*		µg/kg dry		*30.0*		*102*	*70-130*		
Batch 8120779 - SW846 5035A Soil (low level)										
Blank (8120779-BLK1)										
Prepared & Analyzed: 09-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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120779 - SW846 5035A Soil (low level)										
Blank (8120779-BLK1)										
Prepared & Analyzed: 09-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 8120779 - SW846 5035A Soil (low level)										
Blank (8120779-BLK1)										
Prepared & Analyzed: 09-Dec-08										
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*47.3*		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	*54.6*		µg/kg wet		*50.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*52.2*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS (8120779-BS1)										
Prepared & Analyzed: 09-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.1		µg/kg wet		20.0		95	70-130		
Acetone	9.7		µg/kg wet		20.0		48	0-168		
Acrylonitrile	15.9		µg/kg wet		20.0		80	70-130		
Benzene	19.8		µg/kg wet		20.0		99	70-130		
Bromobenzene	17.9		µg/kg wet		20.0		90	70-130		
Bromochloromethane	15.7		µg/kg wet		20.0		79	70-130		
Bromodichloromethane	18.9		µg/kg wet		20.0		95	70-130		
Bromoform	17.2		µg/kg wet		20.0		86	70-130		
Bromomethane	15.6		µg/kg wet		20.0		78	40.9-138		
2-Butanone (MEK)	15.6		µg/kg wet		20.0		78	29.8-145		
n-Butylbenzene	20.5		µg/kg wet		20.0		103	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	19.1		µg/kg wet		20.0		96	70-130		
Carbon tetrachloride	21.3		µg/kg wet		20.0		106	70-130		
Chlorobenzene	19.2		µg/kg wet		20.0		96	70-130		
Chloroethane	16.5		µg/kg wet		20.0		82	47.5-130		
Chloroform	17.9		µg/kg wet		20.0		90	70-130		
Chloromethane	14.5		µg/kg wet		20.0		72	70-130		
2-Chlorotoluene	19.2		µg/kg wet		20.0		96	70-130		
4-Chlorotoluene	18.6		µg/kg wet		20.0		93	70-130		
1,2-Dibromo-3-chloropropane	15.9		µg/kg wet		20.0		80	70-130		
Dibromochloromethane	17.0		µg/kg wet		20.0		85	66.2-130		
1,2-Dibromoethane (EDB)	16.3		µg/kg wet		20.0		81	70-130		
Dibromomethane	17.7		µg/kg wet		20.0		89	70-130		
1,2-Dichlorobenzene	19.1		µg/kg wet		20.0		96	70-130		
1,3-Dichlorobenzene	17.7		µg/kg wet		20.0		89	70-130		
1,4-Dichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
Dichlorodifluoromethane (Freon12)	15.2		µg/kg wet		20.0		76	32-158		
1,1-Dichloroethane	18.8		µg/kg wet		20.0		94	70-130		
1,2-Dichloroethane	17.6		µg/kg wet		20.0		88	70-130		
1,1-Dichloroethene	18.9		µg/kg wet		20.0		95	70-130		
cis-1,2-Dichloroethene	18.2		µg/kg wet		20.0		91	70-130		
trans-1,2-Dichloroethene	20.6		µg/kg wet		20.0		103	70-130		
1,2-Dichloropropane	19.1		µg/kg wet		20.0		95	70-130		
1,3-Dichloropropane	16.6		µg/kg wet		20.0		83	70-130		
2,2-Dichloropropane	18.5		µg/kg wet		20.0		92	70-130		
1,1-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130		
cis-1,3-Dichloropropene	17.0		µg/kg wet		20.0		85	70-130		
trans-1,3-Dichloropropene	17.5		µg/kg wet		20.0		87	70-130		
Ethylbenzene	20.1		µg/kg wet		20.0		100	70-130		
Hexachlorobutadiene	19.1		µg/kg wet		20.0		95	53.6-138		
2-Hexanone (MBK)	15.3		µg/kg wet		20.0		76	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120779 - SW846 5035A Soil (low level)										
LCS (8120779-BS1)										
Prepared & Analyzed: 09-Dec-08										
Isopropylbenzene	20.5		µg/kg wet		20.0		102	70-130		
4-Isopropyltoluene	19.6		µg/kg wet		20.0		98	70-130		
Methyl tert-butyl ether	18.4		µg/kg wet		20.0		92	70-130		
4-Methyl-2-pentanone (MIBK)	14.3		µg/kg wet		20.0		72	53.5-137		
Methylene chloride	16.3		µg/kg wet		20.0		82	70-130		
Naphthalene	16.5		µg/kg wet		20.0		83	70-130		
n-Propylbenzene	19.7		µg/kg wet		20.0		98	70-130		
Styrene	19.3		µg/kg wet		20.0		96	70-130		
1,1,1,2-Tetrachloroethane	19.8		µg/kg wet		20.0		99	70-130		
1,1,2,2-Tetrachloroethane	17.5		µg/kg wet		20.0		88	70-130		
Tetrachloroethene	18.3		µg/kg wet		20.0		91	70-130		
Toluene	16.9		µg/kg wet		20.0		84	70-130		
1,2,3-Trichlorobenzene	18.3		µg/kg wet		20.0		92	70-130		
1,2,4-Trichlorobenzene	18.4		µg/kg wet		20.0		92	70-130		
1,3,5-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,1,1-Trichloroethane	19.3		µg/kg wet		20.0		96	70-130		
1,1,2-Trichloroethane	16.4		µg/kg wet		20.0		82	70-130		
Trichloroethene	18.8		µg/kg wet		20.0		94	70-130		
Trichlorofluoromethane (Freon 11)	18.7		µg/kg wet		20.0		93	50.9-138		
1,2,3-Trichloropropane	15.8		µg/kg wet		20.0		79	70-130		
1,2,4-Trimethylbenzene	18.5		µg/kg wet		20.0		92	70-130		
1,3,5-Trimethylbenzene	18.8		µg/kg wet		20.0		94	70-130		
Vinyl chloride	16.3		µg/kg wet		20.0		81	70-130		
m,p-Xylene	39.9		µg/kg wet		40.0		100	70-130		
o-Xylene	18.9		µg/kg wet		20.0		94	70-130		
Tetrahydrofuran	16.6		µg/kg wet		20.0		83	70-130		
Ethyl ether	19.1		µg/kg wet		20.0		96	61.4-130		
Tert-amyl methyl ether	16.0		µg/kg wet		20.0		80	70-130		
Ethyl tert-butyl ether	18.3		µg/kg wet		20.0		92	70-130		
Di-isopropyl ether	20.1		µg/kg wet		20.0		101	70-130		
Tert-Butanol / butyl alcohol	144		µg/kg wet		200		72	70-130		
1,4-Dioxane	161		µg/kg wet		200		80	48.3-142		
trans-1,4-Dichloro-2-butene	15.8		µg/kg wet		20.0		79	70-130		
Ethanol	313		µg/kg wet		400		78	70-130		
Surrogate: 4-Bromofluorobenzene	*47.2*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*47.5*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.4*		µg/kg wet		*50.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*48.5*		µg/kg wet		*50.0*		*97*	*70-130*		
LCS Dup (8120779-BSD1)										
Prepared & Analyzed: 09-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.1		µg/kg wet		20.0		100	70-130	5	25
Acetone	5.7	QR2	µg/kg wet		20.0		29	0-168	51	50
Acrylonitrile	15.1		µg/kg wet		20.0		75	70-130	5	25
Benzene	19.6		µg/kg wet		20.0		98	70-130	1	25
Bromobenzene	17.0		µg/kg wet		20.0		85	70-130	6	25
Bromochloromethane	14.9		µg/kg wet		20.0		74	70-130	5	25
Bromodichloromethane	19.4		µg/kg wet		20.0		97	70-130	2	25
Bromoform	17.5		µg/kg wet		20.0		88	70-130	2	25
Bromomethane	12.4		µg/kg wet		20.0		62	40.9-138	22	50
2-Butanone (MEK)	16.8		µg/kg wet		20.0		84	29.8-145	7	50

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120779 - SW846 5035A Soil (low level)										
LCS Dup (8120779-BSD1)										
Prepared & Analyzed: 09-Dec-08										
n-Butylbenzene	20.1		µg/kg wet		20.0		101	70-130	2	25
sec-Butylbenzene	17.2		µg/kg wet		20.0		86	70-130	10	25
tert-Butylbenzene	16.6		µg/kg wet		20.0		83	70-130	11	25
Carbon disulfide	18.1		µg/kg wet		20.0		90	70-130	5	25
Carbon tetrachloride	21.0		µg/kg wet		20.0		105	70-130	1	25
Chlorobenzene	19.6		µg/kg wet		20.0		98	70-130	2	25
Chloroethane	14.2		µg/kg wet		20.0		71	47.5-130	15	50
Chloroform	17.8		µg/kg wet		20.0		89	70-130	0.8	25
Chloromethane	11.7	QC1	µg/kg wet		20.0		58	70-130	22	25
2-Chlorotoluene	18.6		µg/kg wet		20.0		93	70-130	4	25
4-Chlorotoluene	17.2		µg/kg wet		20.0		86	70-130	7	25
1,2-Dibromo-3-chloropropane	18.9		µg/kg wet		20.0		95	70-130	17	25
Dibromochloromethane	17.5		µg/kg wet		20.0		87	66.2-130	3	50
1,2-Dibromoethane (EDB)	15.7		µg/kg wet		20.0		78	70-130	4	25
Dibromomethane	16.6		µg/kg wet		20.0		83	70-130	6	25
1,2-Dichlorobenzene	18.4		µg/kg wet		20.0		92	70-130	4	25
1,3-Dichlorobenzene	16.0		µg/kg wet		20.0		80	70-130	10	25
1,4-Dichlorobenzene	19.0		µg/kg wet		20.0		95	70-130	2	25
Dichlorodifluoromethane (Freon12)	12.5		µg/kg wet		20.0		62	32-158	20	50
1,1-Dichloroethane	18.8		µg/kg wet		20.0		94	70-130	0.05	25
1,2-Dichloroethane	17.5		µg/kg wet		20.0		88	70-130	0.5	25
1,1-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130	1	25
cis-1,2-Dichloroethene	18.8		µg/kg wet		20.0		94	70-130	3	25
trans-1,2-Dichloroethene	20.9		µg/kg wet		20.0		105	70-130	2	25
1,2-Dichloropropane	19.7		µg/kg wet		20.0		98	70-130	3	25
1,3-Dichloropropane	16.0		µg/kg wet		20.0		80	70-130	4	25
2,2-Dichloropropane	18.5		µg/kg wet		20.0		93	70-130	0.2	25
1,1-Dichloropropene	21.0		µg/kg wet		20.0		105	70-130	3	25
cis-1,3-Dichloropropene	18.1		µg/kg wet		20.0		90	70-130	6	25
trans-1,3-Dichloropropene	17.9		µg/kg wet		20.0		90	70-130	2	25
Ethylbenzene	19.5		µg/kg wet		20.0		98	70-130	3	25
Hexachlorobutadiene	17.9		µg/kg wet		20.0		90	53.6-138	6	50
2-Hexanone (MBK)	14.8		µg/kg wet		20.0		74	70-130	3	25
Isopropylbenzene	19.1		µg/kg wet		20.0		96	70-130	7	25
4-Isopropyltoluene	19.1		µg/kg wet		20.0		96	70-130	3	25
Methyl tert-butyl ether	20.1		µg/kg wet		20.0		100	70-130	9	25
4-Methyl-2-pentanone (MIBK)	14.7		µg/kg wet		20.0		74	53.5-137	3	50
Methylene chloride	14.2		µg/kg wet		20.0		71	70-130	14	25
Naphthalene	16.0		µg/kg wet		20.0		80	70-130	4	25
n-Propylbenzene	18.1		µg/kg wet		20.0		91	70-130	8	25
Styrene	17.8		µg/kg wet		20.0		89	70-130	8	25
1,1,1,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130	2	25
1,1,2,2-Tetrachloroethane	16.3		µg/kg wet		20.0		82	70-130	7	25
Tetrachloroethene	17.6		µg/kg wet		20.0		88	70-130	4	25
Toluene	16.0		µg/kg wet		20.0		80	70-130	5	25
1,2,3-Trichlorobenzene	17.2		µg/kg wet		20.0		86	70-130	6	25
1,2,4-Trichlorobenzene	17.5		µg/kg wet		20.0		88	70-130	5	25
1,3,5-Trichlorobenzene	19.4		µg/kg wet		20.0		97	70-130	4	25
1,1,1-Trichloroethane	20.1		µg/kg wet		20.0		100	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 8120779 - SW846 5035A Soil (low level)										
LCS Dup (8120779-BSD1)										
Prepared & Analyzed: 09-Dec-08										
1,1,2-Trichloroethane	16.8		µg/kg wet		20.0		84	70-130	2	25
Trichloroethene	19.2		µg/kg wet		20.0		96	70-130	2	25
Trichlorofluoromethane (Freon 11)	17.0		µg/kg wet		20.0		85	50.9-138	9	50
1,2,3-Trichloropropane	14.5		µg/kg wet		20.0		73	70-130	9	25
1,2,4-Trimethylbenzene	17.2		µg/kg wet		20.0		86	70-130	7	25
1,3,5-Trimethylbenzene	17.7		µg/kg wet		20.0		89	70-130	6	25
Vinyl chloride	13.0	QC1	µg/kg wet		20.0		65	70-130	22	25
m,p-Xylene	38.2		µg/kg wet		40.0		95	70-130	4	25
o-Xylene	17.9		µg/kg wet		20.0		90	70-130	5	25
Tetrahydrofuran	15.3		µg/kg wet		20.0		77	70-130	8	25
Ethyl ether	19.8		µg/kg wet		20.0		99	61.4-130	4	50
Tert-amyl methyl ether	17.4		µg/kg wet		20.0		87	70-130	9	25
Ethyl tert-butyl ether	19.9		µg/kg wet		20.0		99	70-130	8	25
Di-isopropyl ether	21.7		µg/kg wet		20.0		108	70-130	7	25
Tert-Butanol / butyl alcohol	141		µg/kg wet		200		70	70-130	2	25
1,4-Dioxane	140		µg/kg wet		200		70	48.3-142	14	25
trans-1,4-Dichloro-2-butene	15.2		µg/kg wet		20.0		76	70-130	4	25
Ethanol	270	QC1	µg/kg wet		400		68	70-130	15	30
Surrogate: 4-Bromofluorobenzene	*44.9*		µg/kg wet		*50.0*		*90*	*70-130*		
Surrogate: Toluene-d8	*46.1*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.7*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*48.6*		µg/kg wet		*50.0*		*97*	*70-130*		
Batch 8120780 - SW846 5035A Soil (low level)										
Blank (8120780-BLK1)										
Prepared & Analyzed: 09-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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120780 - SW846 5035A Soil (low level)										
Blank (8120780-BLK1)										
Prepared & Analyzed: 09-Dec-08										
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	10.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120780 - SW846 5035A Soil (low level)										
Blank (8120780-BLK1)										
Prepared & Analyzed: 09-Dec-08										
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	*43.6*		µg/kg wet		*50.0*		*87*	*70-130*		
Surrogate: Toluene-d8	*46.1*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*57.8*		µg/kg wet		*50.0*		*116*	*70-130*		
Surrogate: Dibromofluoromethane	*52.3*		µg/kg wet		*50.0*		*105*	*70-130*		
LCS (8120780-BS1)										
Prepared & Analyzed: 09-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.5		µg/kg wet		20.0		88	70-130		
Acetone	23.1		µg/kg wet		20.0		116	0-168		
Acrylonitrile	16.3		µg/kg wet		20.0		82	70-130		
Benzene	19.1		µg/kg wet		20.0		96	70-130		
Bromobenzene	16.4		µg/kg wet		20.0		82	70-130		
Bromochloromethane	15.4		µg/kg wet		20.0		77	70-130		
Bromodichloromethane	18.6		µg/kg wet		20.0		93	70-130		
Bromoform	17.0		µg/kg wet		20.0		85	70-130		
Bromomethane	14.8		µg/kg wet		20.0		74	40.9-138		
2-Butanone (MEK)	15.3		µg/kg wet		20.0		76	29.8-145		
n-Butylbenzene	18.5		µg/kg wet		20.0		92	70-130		
sec-Butylbenzene	16.8		µg/kg wet		20.0		84	70-130		
tert-Butylbenzene	16.3		µg/kg wet		20.0		82	70-130		
Carbon disulfide	18.0		µg/kg wet		20.0		90	70-130		
Carbon tetrachloride	19.5		µg/kg wet		20.0		98	70-130		
Chlorobenzene	18.6		µg/kg wet		20.0		93	70-130		
Chloroethane	15.2		µg/kg wet		20.0		76	47.5-130		
Chloroform	18.0		µg/kg wet		20.0		90	70-130		
Chloromethane	12.9	QC1	µg/kg wet		20.0		64	70-130		
2-Chlorotoluene	17.1		µg/kg wet		20.0		86	70-130		
4-Chlorotoluene	17.0		µg/kg wet		20.0		85	70-130		
1,2-Dibromo-3-chloropropane	16.7		µg/kg wet		20.0		84	70-130		
Dibromochloromethane	17.2		µg/kg wet		20.0		86	66.2-130		
1,2-Dibromoethane (EDB)	17.0		µg/kg wet		20.0		85	70-130		
Dibromomethane	17.0		µg/kg wet		20.0		85	70-130		
1,2-Dichlorobenzene	18.2		µg/kg wet		20.0		91	70-130		
1,3-Dichlorobenzene	15.8		µg/kg wet		20.0		79	70-130		
1,4-Dichlorobenzene	18.4		µg/kg wet		20.0		92	70-130		
Dichlorodifluoromethane (Freon12)	12.6		µg/kg wet		20.0		63	32-158		
1,1-Dichloroethane	18.4		µg/kg wet		20.0		92	70-130		
1,2-Dichloroethane	17.9		µg/kg wet		20.0		89	70-130		
1,1-Dichloroethene	17.6		µg/kg wet		20.0		88	70-130		
cis-1,2-Dichloroethene	17.5		µg/kg wet		20.0		88	70-130		
trans-1,2-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130		
1,2-Dichloropropane	18.4		µg/kg wet		20.0		92	70-130		
1,3-Dichloropropane	17.0		µg/kg wet		20.0		85	70-130		
2,2-Dichloropropane	16.2		µg/kg wet		20.0		81	70-130		
1,1-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130		
cis-1,3-Dichloropropene	17.1		µg/kg wet		20.0		85	70-130		
trans-1,3-Dichloropropene	17.0		µg/kg wet		20.0		85	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120780 - SW846 5035A Soil (low level)										
LCS (8120780-BS1)										
Prepared & Analyzed: 09-Dec-08										
Ethylbenzene	18.7		µg/kg wet		20.0		94	70-130		
Hexachlorobutadiene	16.4		µg/kg wet		20.0		82	53.6-138		
2-Hexanone (MBK)	14.9		µg/kg wet		20.0		75	70-130		
Isopropylbenzene	18.9		µg/kg wet		20.0		94	70-130		
4-Isopropyltoluene	18.2		µg/kg wet		20.0		91	70-130		
Methyl tert-butyl ether	18.4		µg/kg wet		20.0		92	70-130		
4-Methyl-2-pentanone (MIBK)	15.3		µg/kg wet		20.0		76	53.5-137		
Methylene chloride	16.6		µg/kg wet		20.0		83	70-130		
Naphthalene	15.2		µg/kg wet		20.0		76	70-130		
n-Propylbenzene	17.7		µg/kg wet		20.0		89	70-130		
Styrene	18.1		µg/kg wet		20.0		90	70-130		
1,1,1,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95	70-130		
1,1,2,2-Tetrachloroethane	17.1		µg/kg wet		20.0		86	70-130		
Tetrachloroethene	17.4		µg/kg wet		20.0		87	70-130		
Toluene	16.2		µg/kg wet		20.0		81	70-130		
1,2,3-Trichlorobenzene	16.2		µg/kg wet		20.0		81	70-130		
1,2,4-Trichlorobenzene	15.4		µg/kg wet		20.0		77	70-130		
1,3,5-Trichlorobenzene	17.6		µg/kg wet		20.0		88	70-130		
1,1,1-Trichloroethane	18.6		µg/kg wet		20.0		93	70-130		
1,1,2-Trichloroethane	17.0		µg/kg wet		20.0		85	70-130		
Trichloroethene	18.4		µg/kg wet		20.0		92	70-130		
Trichlorofluoromethane (Freon 11)	16.8		µg/kg wet		20.0		84	50.9-138		
1,2,3-Trichloropropane	15.0		µg/kg wet		20.0		75	70-130		
1,2,4-Trimethylbenzene	16.9		µg/kg wet		20.0		85	70-130		
1,3,5-Trimethylbenzene	17.2		µg/kg wet		20.0		86	70-130		
Vinyl chloride	14.3		µg/kg wet		20.0		71	70-130		
m,p-Xylene	37.0		µg/kg wet		40.0		92	70-130		
o-Xylene	18.2		µg/kg wet		20.0		91	70-130		
Tetrahydrofuran	16.6		µg/kg wet		20.0		83	70-130		
Ethyl ether	19.8		µg/kg wet		20.0		99	61.4-130		
Tert-amyl methyl ether	18.2		µg/kg wet		20.0		91	70-130		
Ethyl tert-butyl ether	18.2		µg/kg wet		20.0		91	70-130		
Di-isopropyl ether	20.0		µg/kg wet		20.0		100	70-130		
Tert-Butanol / butyl alcohol	139	QC1	µg/kg wet		200		69	70-130		
1,4-Dioxane	139		µg/kg wet		200		70	48.3-142		
trans-1,4-Dichloro-2-butene	15.8		µg/kg wet		20.0		79	70-130		
Ethanol	280		µg/kg wet		400		70	70-130		
Surrogate: 4-Bromofluorobenzene	*46.5*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: Toluene-d8	*47.1*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.4*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*49.1*		µg/kg wet		*50.0*		*98*	*70-130*		
LCS Dup (8120780-BSD1)										
Prepared & Analyzed: 09-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.6		µg/kg wet		20.0		88	70-130	0.5	25
Acetone	14.7		µg/kg wet		20.0		74	0-168	44	50
Acrylonitrile	16.8		µg/kg wet		20.0		84	70-130	3	25
Benzene	19.1		µg/kg wet		20.0		96	70-130	0.1	25
Bromobenzene	17.8		µg/kg wet		20.0		89	70-130	8	25
Bromochloromethane	15.6		µg/kg wet		20.0		78	70-130	1	25
Bromodichloromethane	18.4		µg/kg wet		20.0		92	70-130	1	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120780 - SW846 5035A Soil (low level)										
LCS Dup (8120780-BSD1)										
Prepared & Analyzed: 09-Dec-08										
Bromoform	17.7		µg/kg wet		20.0		88	70-130	4	25
Bromomethane	16.0		µg/kg wet		20.0		80	40.9-138	8	50
2-Butanone (MEK)	15.6		µg/kg wet		20.0		78	29.8-145	2	50
n-Butylbenzene	19.0		µg/kg wet		20.0		95	70-130	3	25
sec-Butylbenzene	18.1		µg/kg wet		20.0		91	70-130	7	25
tert-Butylbenzene	17.4		µg/kg wet		20.0		87	70-130	6	25
Carbon disulfide	18.5		µg/kg wet		20.0		92	70-130	2	25
Carbon tetrachloride	19.4		µg/kg wet		20.0		97	70-130	0.4	25
Chlorobenzene	19.0		µg/kg wet		20.0		95	70-130	2	25
Chloroethane	15.6		µg/kg wet		20.0		78	47.5-130	3	50
Chloroform	18.2		µg/kg wet		20.0		91	70-130	1	25
Chloromethane	14.0		µg/kg wet		20.0		70	70-130	8	25
2-Chlorotoluene	18.9		µg/kg wet		20.0		95	70-130	10	25
4-Chlorotoluene	18.3		µg/kg wet		20.0		92	70-130	8	25
1,2-Dibromo-3-chloropropane	16.8		µg/kg wet		20.0		84	70-130	0.4	25
Dibromochloromethane	16.9		µg/kg wet		20.0		85	66.2-130	2	50
1,2-Dibromoethane (EDB)	16.9		µg/kg wet		20.0		84	70-130	0.9	25
Dibromomethane	17.0		µg/kg wet		20.0		85	70-130	0.1	25
1,2-Dichlorobenzene	18.4		µg/kg wet		20.0		92	70-130	1	25
1,3-Dichlorobenzene	17.2		µg/kg wet		20.0		86	70-130	8	25
1,4-Dichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	1	25
Dichlorodifluoromethane (Freon12)	13.9		µg/kg wet		20.0		70	32-158	10	50
1,1-Dichloroethane	17.8		µg/kg wet		20.0		89	70-130	3	25
1,2-Dichloroethane	18.0		µg/kg wet		20.0		90	70-130	0.8	25
1,1-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130	4	25
cis-1,2-Dichloroethene	17.8		µg/kg wet		20.0		89	70-130	2	25
trans-1,2-Dichloroethene	19.9		µg/kg wet		20.0		100	70-130	3	25
1,2-Dichloropropane	18.5		µg/kg wet		20.0		92	70-130	0.6	25
1,3-Dichloropropane	17.3		µg/kg wet		20.0		86	70-130	2	25
2,2-Dichloropropane	16.2		µg/kg wet		20.0		81	70-130	0.1	25
1,1-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130	2	25
cis-1,3-Dichloropropene	17.9		µg/kg wet		20.0		90	70-130	5	25
trans-1,3-Dichloropropene	16.6		µg/kg wet		20.0		83	70-130	2	25
Ethylbenzene	19.2		µg/kg wet		20.0		96	70-130	2	25
Hexachlorobutadiene	17.4		µg/kg wet		20.0		87	53.6-138	6	50
2-Hexanone (MBK)	14.2		µg/kg wet		20.0		71	70-130	5	25
Isopropylbenzene	19.7		µg/kg wet		20.0		99	70-130	4	25
4-Isopropyltoluene	18.1		µg/kg wet		20.0		90	70-130	0.3	25
Methyl tert-butyl ether	18.3		µg/kg wet		20.0		92	70-130	0.2	25
4-Methyl-2-pentanone (MIBK)	15.9		µg/kg wet		20.0		79	53.5-137	4	50
Methylene chloride	16.8		µg/kg wet		20.0		84	70-130	2	25
Naphthalene	15.8		µg/kg wet		20.0		79	70-130	5	25
n-Propylbenzene	18.9		µg/kg wet		20.0		94	70-130	6	25
Styrene	18.3		µg/kg wet		20.0		92	70-130	1	25
1,1,1,2-Tetrachloroethane	19.1		µg/kg wet		20.0		95	70-130	0.5	25
1,1,2,2-Tetrachloroethane	17.2		µg/kg wet		20.0		86	70-130	0.3	25
Tetrachloroethene	17.3		µg/kg wet		20.0		86	70-130	1	25
Toluene	16.4		µg/kg wet		20.0		82	70-130	2	25
1,2,3-Trichlorobenzene	16.8		µg/kg wet		20.0		84	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 8120780 - SW846 5035A Soil (low level)										
LCS Dup (8120780-BSD1)										
Prepared & Analyzed: 09-Dec-08										
1,2,4-Trichlorobenzene	16.9		µg/kg wet		20.0		85	70-130	10	25
1,3,5-Trichlorobenzene	18.5		µg/kg wet		20.0		93	70-130	5	25
1,1,1-Trichloroethane	18.1		µg/kg wet		20.0		90	70-130	3	25
1,1,2-Trichloroethane	16.5		µg/kg wet		20.0		83	70-130	3	25
Trichloroethene	18.3		µg/kg wet		20.0		92	70-130	0.2	25
Trichlorofluoromethane (Freon 11)	17.6		µg/kg wet		20.0		88	50.9-138	4	50
1,2,3-Trichloropropane	16.0		µg/kg wet		20.0		80	70-130	7	25
1,2,4-Trimethylbenzene	18.1		µg/kg wet		20.0		91	70-130	7	25
1,3,5-Trimethylbenzene	18.4		µg/kg wet		20.0		92	70-130	7	25
Vinyl chloride	15.3		µg/kg wet		20.0		76	70-130	7	25
m,p-Xylene	39.0		µg/kg wet		40.0		98	70-130	5	25
o-Xylene	18.4		µg/kg wet		20.0		92	70-130	1	25
Tetrahydrofuran	15.0		µg/kg wet		20.0		75	70-130	10	25
Ethyl ether	19.5		µg/kg wet		20.0		97	61.4-130	2	50
Tert-amyl methyl ether	17.8		µg/kg wet		20.0		89	70-130	2	25
Ethyl tert-butyl ether	18.1		µg/kg wet		20.0		91	70-130	0.7	25
Di-isopropyl ether	19.6		µg/kg wet		20.0		98	70-130	2	25
Tert-Butanol / butyl alcohol	161		µg/kg wet		200		81	70-130	15	25
1,4-Dioxane	164		µg/kg wet		200		82	48.3-142	16	25
trans-1,4-Dichloro-2-butene	16.3		µg/kg wet		20.0		82	70-130	3	25
Ethanol	270	QC1	µg/kg wet		400		67	70-130	4	30
Surrogate: 4-Bromofluorobenzene	*48.7*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.3*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*50.0*		µg/kg wet		*50.0*		*100*	*70-130*		
Batch 8120869 - SW846 5035A Soil (low level)										
Blank (8120869-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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120869 - SW846 5035A Soil (low level)										
Blank (8120869-BLK1)										
Prepared & Analyzed: 10-Dec-08										
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120869 - SW846 5035A Soil (low level)										
Blank (8120869-BLK1)										
Prepared & Analyzed: 10-Dec-08										
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*50.2*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.5*		µg/kg wet		*50.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
LCS (8120869-BS1)										
Prepared & Analyzed: 10-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.7		µg/kg wet		20.0		99	70-130		
Acetone	7.4		µg/kg wet		20.0		37	0-168		
Acrylonitrile	15.8		µg/kg wet		20.0		79	70-130		
Benzene	21.1		µg/kg wet		20.0		105	70-130		
Bromobenzene	19.2		µg/kg wet		20.0		96	70-130		
Bromochloromethane	16.2		µg/kg wet		20.0		81	70-130		
Bromodichloromethane	19.4		µg/kg wet		20.0		97	70-130		
Bromoform	17.5		µg/kg wet		20.0		87	70-130		
Bromomethane	17.2		µg/kg wet		20.0		86	40.9-138		
2-Butanone (MEK)	14.4		µg/kg wet		20.0		72	29.8-145		
n-Butylbenzene	22.0		µg/kg wet		20.0		110	70-130		
sec-Butylbenzene	19.9		µg/kg wet		20.0		99	70-130		
tert-Butylbenzene	19.8		µg/kg wet		20.0		99	70-130		
Carbon disulfide	19.8		µg/kg wet		20.0		99	70-130		
Carbon tetrachloride	21.1		µg/kg wet		20.0		105	70-130		
Chlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
Chloroethane	18.0		µg/kg wet		20.0		90	47.5-130		
Chloroform	18.9		µg/kg wet		20.0		94	70-130		
Chloromethane	15.3		µg/kg wet		20.0		77	70-130		
2-Chlorotoluene	20.7		µg/kg wet		20.0		103	70-130		
4-Chlorotoluene	20.1		µg/kg wet		20.0		101	70-130		
1,2-Dibromo-3-chloropropane	17.1		µg/kg wet		20.0		86	70-130		
Dibromochloromethane	17.6		µg/kg wet		20.0		88	66.2-130		
1,2-Dibromoethane (EDB)	17.2		µg/kg wet		20.0		86	70-130		
Dibromomethane	16.7		µg/kg wet		20.0		83	70-130		
1,2-Dichlorobenzene	19.3		µg/kg wet		20.0		96	70-130		
1,3-Dichlorobenzene	18.6		µg/kg wet		20.0		93	70-130		
1,4-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
Dichlorodifluoromethane (Freon12)	15.8		µg/kg wet		20.0		79	32-158		
1,1-Dichloroethane	19.2		µg/kg wet		20.0		96	70-130		
1,2-Dichloroethane	18.9		µg/kg wet		20.0		94	70-130		
1,1-Dichloroethene	19.6		µg/kg wet		20.0		98	70-130		
cis-1,2-Dichloroethene	19.4		µg/kg wet		20.0		97	70-130		
trans-1,2-Dichloroethene	21.1		µg/kg wet		20.0		105	70-130		
1,2-Dichloropropane	20.1		µg/kg wet		20.0		100	70-130		
1,3-Dichloropropane	17.0		µg/kg wet		20.0		85	70-130		
2,2-Dichloropropane	18.5		µg/kg wet		20.0		92	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120869 - SW846 5035A Soil (low level)										
LCS (8120869-BS1)										
Prepared & Analyzed: 10-Dec-08										
1,1-Dichloropropene	21.2		µg/kg wet		20.0		106	70-130		
cis-1,3-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130		
trans-1,3-Dichloropropene	17.8		µg/kg wet		20.0		89	70-130		
Ethylbenzene	21.3		µg/kg wet		20.0		107	70-130		
Hexachlorobutadiene	19.6		µg/kg wet		20.0		98	53.6-138		
2-Hexanone (MBK)	13.8	QC1	µg/kg wet		20.0		69	70-130		
Isopropylbenzene	21.5		µg/kg wet		20.0		108	70-130		
4-Isopropyltoluene	20.9		µg/kg wet		20.0		104	70-130		
Methyl tert-butyl ether	19.4		µg/kg wet		20.0		97	70-130		
4-Methyl-2-pentanone (MIBK)	15.6		µg/kg wet		20.0		78	53.5-137		
Methylene chloride	17.4		µg/kg wet		20.0		87	70-130		
Naphthalene	19.5		µg/kg wet		20.0		98	70-130		
n-Propylbenzene	21.3		µg/kg wet		20.0		106	70-130		
Styrene	20.2		µg/kg wet		20.0		101	70-130		
1,1,1,2-Tetrachloroethane	19.8		µg/kg wet		20.0		99	70-130		
1,1,2,2-Tetrachloroethane	17.5		µg/kg wet		20.0		88	70-130		
Tetrachloroethene	19.8		µg/kg wet		20.0		99	70-130		
Toluene	17.9		µg/kg wet		20.0		89	70-130		
1,2,3-Trichlorobenzene	20.1		µg/kg wet		20.0		100	70-130		
1,2,4-Trichlorobenzene	19.8		µg/kg wet		20.0		99	70-130		
1,3,5-Trichlorobenzene	21.7		µg/kg wet		20.0		109	70-130		
1,1,1-Trichloroethane	20.0		µg/kg wet		20.0		100	70-130		
1,1,2-Trichloroethane	17.2		µg/kg wet		20.0		86	70-130		
Trichloroethene	20.6		µg/kg wet		20.0		103	70-130		
Trichlorofluoromethane (Freon 11)	19.5		µg/kg wet		20.0		97	50.9-138		
1,2,3-Trichloropropane	15.2		µg/kg wet		20.0		76	70-130		
1,2,4-Trimethylbenzene	20.5		µg/kg wet		20.0		102	70-130		
1,3,5-Trimethylbenzene	20.9		µg/kg wet		20.0		104	70-130		
Vinyl chloride	17.0		µg/kg wet		20.0		85	70-130		
m,p-Xylene	41.9		µg/kg wet		40.0		105	70-130		
o-Xylene	20.5		µg/kg wet		20.0		102	70-130		
Tetrahydrofuran	16.1		µg/kg wet		20.0		81	70-130		
Ethyl ether	19.8		µg/kg wet		20.0		99	61.4-130		
Tert-amyl methyl ether	17.5		µg/kg wet		20.0		87	70-130		
Ethyl tert-butyl ether	19.6		µg/kg wet		20.0		98	70-130		
Di-isopropyl ether	21.1		µg/kg wet		20.0		106	70-130		
Tert-Butanol / butyl alcohol	154		µg/kg wet		200		77	70-130		
1,4-Dioxane	169		µg/kg wet		200		84	46.3-142		
trans-1,4-Dichloro-2-butene	16.4		µg/kg wet		20.0		82	70-130		
Ethanol	308		µg/kg wet		400		77	70-130		
Surrogate: 4-Bromofluorobenzene	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*48.0*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.9*		µg/kg wet		*50.0*		*90*	*70-130*		
Surrogate: Dibromofluoromethane	*47.5*		µg/kg wet		*50.0*		*95*	*70-130*		
LCS Dup (8120869-BSD1)										
Prepared & Analyzed: 10-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.4		µg/kg wet		20.0		97	70-130	2	25
Acetone	6.1		µg/kg wet		20.0		31	0-168	19	50
Acrylonitrile	14.9		µg/kg wet		20.0		75	70-130	5	25
Benzene	20.9		µg/kg wet		20.0		104	70-130	1	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120869 - SW846 5035A Soil (low level)										
LCS Dup (8120869-BSD1)										
Prepared & Analyzed: 10-Dec-08										
Bromobenzene	17.2		µg/kg wet		20.0		86	70-130	11	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	17.4		µg/kg wet		20.0		87	70-130	0.5	25
Bromomethane	14.9		µg/kg wet		20.0		74	40.9-138	14	50
2-Butanone (MEK)	14.5		µg/kg wet		20.0		72	29.8-145	0.3	50
n-Butylbenzene	20.9		µg/kg wet		20.0		104	70-130	5	25
sec-Butylbenzene	17.9		µg/kg wet		20.0		90	70-130	10	25
tert-Butylbenzene	17.7		µg/kg wet		20.0		88	70-130	12	25
Carbon disulfide	18.9		µg/kg wet		20.0		94	70-130	5	25
Carbon tetrachloride	21.3		µg/kg wet		20.0		107	70-130	1	25
Chlorobenzene	19.7		µg/kg wet		20.0		99	70-130	4	25
Chloroethane	15.6		µg/kg wet		20.0		78	47.5-130	14	50
Chloroform	19.0		µg/kg wet		20.0		95	70-130	0.7	25
Chloromethane	12.6	QC1	µg/kg wet		20.0		63	70-130	20	25
2-Chlorotoluene	18.7		µg/kg wet		20.0		94	70-130	10	25
4-Chlorotoluene	17.9		µg/kg wet		20.0		90	70-130	12	25
1,2-Dibromo-3-chloropropane	15.5		µg/kg wet		20.0		78	70-130	10	25
Dibromochloromethane	17.0		µg/kg wet		20.0		85	66.2-130	4	50
1,2-Dibromoethane (EDB)	16.2		µg/kg wet		20.0		81	70-130	6	25
Dibromomethane	17.4		µg/kg wet		20.0		87	70-130	5	25
1,2-Dichlorobenzene	18.9		µg/kg wet		20.0		95	70-130	2	25
1,3-Dichlorobenzene	16.5		µg/kg wet		20.0		82	70-130	12	25
1,4-Dichlorobenzene	19.6		µg/kg wet		20.0		98	70-130	4	25
Dichlorodifluoromethane (Freon12)	13.4		µg/kg wet		20.0		67	32-158	17	50
1,1-Dichloroethane	19.3		µg/kg wet		20.0		97	70-130	0.5	25
1,2-Dichloroethane	18.6		µg/kg wet		20.0		93	70-130	1	25
1,1-Dichloroethene	19.8		µg/kg wet		20.0		99	70-130	0.7	25
cis-1,2-Dichloroethene	19.1		µg/kg wet		20.0		96	70-130	1	25
trans-1,2-Dichloroethene	21.4		µg/kg wet		20.0		107	70-130	2	25
1,2-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130	0.4	25
1,3-Dichloropropane	16.2		µg/kg wet		20.0		81	70-130	4	25
2,2-Dichloropropane	18.4		µg/kg wet		20.0		92	70-130	0.4	25
1,1-Dichloropropene	21.5		µg/kg wet		20.0		108	70-130	1	25
cis-1,3-Dichloropropene	18.4		µg/kg wet		20.0		92	70-130	1	25
trans-1,3-Dichloropropene	17.1		µg/kg wet		20.0		86	70-130	4	25
Ethylbenzene	20.0		µg/kg wet		20.0		100	70-130	6	25
Hexachlorobutadiene	18.4		µg/kg wet		20.0		92	53.6-138	7	50
2-Hexanone (MBK)	14.3		µg/kg wet		20.0		72	70-130	4	25
Isopropylbenzene	19.9		µg/kg wet		20.0		100	70-130	8	25
4-Isopropyltoluene	20.3		µg/kg wet		20.0		101	70-130	3	25
Methyl tert-butyl ether	19.7		µg/kg wet		20.0		99	70-130	2	25
4-Methyl-2-pentanone (MIBK)	14.8		µg/kg wet		20.0		74	53.5-137	6	50
Methylene chloride	16.2		µg/kg wet		20.0		81	70-130	7	25
Naphthalene	17.7		µg/kg wet		20.0		89	70-130	10	25
n-Propylbenzene	19.0		µg/kg wet		20.0		95	70-130	12	25
Styrene	18.6		µg/kg wet		20.0		93	70-130	8	25
1,1,1,2-Tetrachloroethane	20.4		µg/kg wet		20.0		102	70-130	3	25
1,1,2,2-Tetrachloroethane	16.4		µg/kg wet		20.0		82	70-130	6	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120869 - SW846 5035A Soil (low level)										
LCS Dup (8120869-BSD1)										
Prepared & Analyzed: 10-Dec-08										
Tetrachloroethene	18.2		µg/kg wet		20.0		91	70-130	8	25
Toluene	16.8		µg/kg wet		20.0		84	70-130	6	25
1,2,3-Trichlorobenzene	18.4		µg/kg wet		20.0		92	70-130	9	25
1,2,4-Trichlorobenzene	18.3		µg/kg wet		20.0		92	70-130	8	25
1,3,5-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	7	25
1,1,1-Trichloroethane	20.7		µg/kg wet		20.0		103	70-130	4	25
1,1,2-Trichloroethane	16.8		µg/kg wet		20.0		84	70-130	2	25
Trichloroethene	20.5		µg/kg wet		20.0		103	70-130	0.5	25
Trichlorofluoromethane (Freon 11)	18.9		µg/kg wet		20.0		94	50.9-138	3	50
1,2,3-Trichloropropane	14.7		µg/kg wet		20.0		73	70-130	4	25
1,2,4-Trimethylbenzene	18.2		µg/kg wet		20.0		91	70-130	12	25
1,3,5-Trimethylbenzene	18.6		µg/kg wet		20.0		93	70-130	12	25
Vinyl chloride	14.8		µg/kg wet		20.0		74	70-130	13	25
m,p-Xylene	39.6		µg/kg wet		40.0		99	70-130	5	25
o-Xylene	18.7		µg/kg wet		20.0		93	70-130	9	25
Tetrahydrofuran	13.4	QC1	µg/kg wet		20.0		67	70-130	18	25
Ethyl ether	20.6		µg/kg wet		20.0		103	61.4-130	4	50
Tert-amyl methyl ether	17.4		µg/kg wet		20.0		87	70-130	0.3	25
Ethyl tert-butyl ether	19.6		µg/kg wet		20.0		98	70-130	0.2	25
Di-isopropyl ether	21.5		µg/kg wet		20.0		107	70-130	2	25
Tert-Butanol / butyl alcohol	133	QC1	µg/kg wet		200		67	70-130	15	25
1,4-Dioxane	141		µg/kg wet		200		70	48.3-142	18	25
trans-1,4-Dichloro-2-butene	15.2		µg/kg wet		20.0		76	70-130	8	25
Ethanol	244	QC1	µg/kg wet		400		61	70-130	23	30
Surrogate: 4-Bromofluorobenzene	*46.3*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: Toluene-d8	*47.1*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.2*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*48.1*		µg/kg wet		*50.0*		*96*	*70-130*		
Batch 8120878 - SW846 5030 Water MS										
Blank (8120878-BLK1)										
Prepared & Analyzed: 10-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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120878 - SW846 5030 Water MS										
Blank (8120878-BLK1)										
Prepared & Analyzed: 10-Dec-08										
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						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120878 - SW846 5030 Water MS										
Blank (8120878-BLK1)										
Prepared & Analyzed: 10-Dec-08										
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	*46.8*		µg/l		*50.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*48.2*		µg/l		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.8*		µg/l		*50.0*		*108*	*70-130*		
Surrogate: Dibromofluoromethane	*51.2*		µg/l		*50.0*		*102*	*70-130*		
LCS (8120878-BS1)										
Prepared & Analyzed: 10-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.1		µg/l		20.0		86	70-130		
Acetone	18.1		µg/l		20.0		91	31.7-144		
Acrylonitrile	17.1		µg/l		20.0		86	70-130		
Benzene	19.4		µg/l		20.0		97	70-130		
Bromobenzene	17.3		µg/l		20.0		86	70-130		
Bromochloromethane	16.3		µg/l		20.0		81	70-130		
Bromodichloromethane	18.4		µg/l		20.0		92	70-130		
Bromoform	16.4		µg/l		20.0		82	70-130		
Bromomethane	21.4		µg/l		20.0		107	43-158		
2-Butanone (MEK)	15.7		µg/l		20.0		78	54.5-137		
n-Butylbenzene	23.0		µg/l		20.0		115	70-130		
sec-Butylbenzene	21.6		µg/l		20.0		108	70-130		
tert-Butylbenzene	22.1		µg/l		20.0		111	70-130		
Carbon disulfide	21.3		µg/l		20.0		106	70-130		
Carbon tetrachloride	19.9		µg/l		20.0		100	70-130		
Chlorobenzene	18.7		µg/l		20.0		93	70-130		
Chloroethane	22.2		µg/l		20.0		111	60.1-131		
Chloroform	18.5		µg/l		20.0		92	70-130		
Chloromethane	19.2		µg/l		20.0		96	70-130		
2-Chlorotoluene	20.4		µg/l		20.0		102	70-130		
4-Chlorotoluene	20.6		µg/l		20.0		103	70-130		
1,2-Dibromo-3-chloropropane	18.2		µg/l		20.0		91	70-130		
Dibromochloromethane	16.7		µg/l		20.0		83	66.2-145		
1,2-Dibromoethane (EDB)	16.7		µg/l		20.0		83	70-130		
Dibromomethane	16.3		µg/l		20.0		82	70-130		
1,2-Dichlorobenzene	18.3		µg/l		20.0		91	70-130		
1,3-Dichlorobenzene	18.6		µg/l		20.0		93	70-130		
1,4-Dichlorobenzene	18.7		µg/l		20.0		94	70-130		
Dichlorodifluoromethane (Freon12)	16.9		µg/l		20.0		84	46.9-168		
1,1-Dichloroethane	19.2		µg/l		20.0		96	70-130		
1,2-Dichloroethane	17.2		µg/l		20.0		86	70-130		
1,1-Dichloroethene	18.3		µg/l		20.0		92	70-130		
cis-1,2-Dichloroethene	17.5		µg/l		20.0		88	70-130		
trans-1,2-Dichloroethene	19.6		µg/l		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 8120878 - SW846 5030 Water MS										
LCS (8120878-BS1)										
Prepared & Analyzed: 10-Dec-08										
1,2-Dichloropropane	19.0		µg/l		20.0		95	70-130		
1,3-Dichloropropane	16.6		µg/l		20.0		83	70-130		
2,2-Dichloropropane	21.0		µg/l		20.0		105	70-130		
1,1-Dichloropropene	18.9		µg/l		20.0		95	70-130		
cis-1,3-Dichloropropene	17.6		µg/l		20.0		88	70-130		
trans-1,3-Dichloropropene	17.3		µg/l		20.0		87	70-130		
Ethylbenzene	20.6		µg/l		20.0		103	70-130		
Hexachlorobutadiene	22.7		µg/l		20.0		113	70-135		
2-Hexanone (MBK)	16.2		µg/l		20.0		81	70-130		
Isopropylbenzene	21.7		µg/l		20.0		108	70-130		
4-Isopropyltoluene	21.4		µg/l		20.0		107	70-130		
Methyl tert-butyl ether	17.2		µg/l		20.0		86	70-130		
4-Methyl-2-pentanone (MIBK)	17.3		µg/l		20.0		87	57.6-130		
Methylene chloride	18.4		µg/l		20.0		92	70-130		
Naphthalene	18.4		µg/l		20.0		92	70-130		
n-Propylbenzene	21.7		µg/l		20.0		108	70-130		
Styrene	19.3		µg/l		20.0		97	70-130		
1,1,1,2-Tetrachloroethane	19.1		µg/l		20.0		96	70-130		
1,1,2,2-Tetrachloroethane	18.2		µg/l		20.0		91	70-130		
Tetrachloroethene	18.3		µg/l		20.0		92	70-130		
Toluene	18.9		µg/l		20.0		94	70-130		
1,2,3-Trichlorobenzene	20.2		µg/l		20.0		101	70-130		
1,2,4-Trichlorobenzene	16.9		µg/l		20.0		85	70-130		
1,3,5-Trichlorobenzene	18.7		µg/l		20.0		93	70-130		
1,1,1-Trichloroethane	20.1		µg/l		20.0		100	70-130		
1,1,2-Trichloroethane	17.1		µg/l		20.0		85	70-130		
Trichloroethene	18.9		µg/l		20.0		95	70-130		
Trichlorofluoromethane (Freon 11)	18.9		µg/l		20.0		95	64.9-147		
1,2,3-Trichloropropane	15.8		µg/l		20.0		79	70-130		
1,2,4-Trimethylbenzene	19.6		µg/l		20.0		98	70-130		
1,3,5-Trimethylbenzene	19.9		µg/l		20.0		99	70-130		
Vinyl chloride	20.2		µg/l		20.0		101	70-130		
m,p-Xylene	40.7		µg/l		40.0		102	70-130		
o-Xylene	19.8		µg/l		20.0		99	70-130		
Tetrahydrofuran	17.6		µg/l		20.0		88	70-130		
Ethyl ether	17.4		µg/l		20.0		87	70-130		
Tert-amyl methyl ether	17.9		µg/l		20.0		90	70-130		
Ethyl tert-butyl ether	18.0		µg/l		20.0		90	70-130		
Di-isopropyl ether	19.6		µg/l		20.0		98	70-130		
Tert-Butanol / butyl alcohol	179		µg/l		200		89	70-130		
1,4-Dioxane	162		µg/l		200		81	53.8-137		
trans-1,4-Dichloro-2-butene	19.2		µg/l		20.0		96	70-130		
Ethanol	385		µg/l		400		96	70-130		
Surrogate: 4-Bromofluorobenzene	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*48.4*		µg/l		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.7*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*49.3*		µg/l		*50.0*		*99*	*70-130*		
LCS Dup (8120878-BSD1)										
Prepared & Analyzed: 10-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	15.6		µg/l		20.0		78	70-130	9	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120878 - SW846 5030 Water MS										
LCS Dup (8120878-BSD1)										
Prepared & Analyzed: 10-Dec-08										
Acetone	18.7		µg/l		20.0		93	31.7-144	3	50
Acrylonitrile	17.0		µg/l		20.0		85	70-130	0.9	25
Benzene	18.1		µg/l		20.0		90	70-130	7	25
Bromobenzene	16.1		µg/l		20.0		81	70-130	7	25
Bromochloromethane	16.0		µg/l		20.0		80	70-130	1	25
Bromodichloromethane	17.9		µg/l		20.0		90	70-130	3	25
Bromoform	16.1		µg/l		20.0		80	70-130	2	25
Bromomethane	20.2		µg/l		20.0		101	43-158	6	50
2-Butanone (MEK)	15.1		µg/l		20.0		75	54.5-137	4	50
n-Butylbenzene	21.8		µg/l		20.0		109	70-130	5	25
sec-Butylbenzene	20.8		µg/l		20.0		104	70-130	4	25
tert-Butylbenzene	21.2		µg/l		20.0		106	70-130	4	25
Carbon disulfide	19.4		µg/l		20.0		97	70-130	9	25
Carbon tetrachloride	18.4		µg/l		20.0		92	70-130	8	25
Chlorobenzene	17.4		µg/l		20.0		87	70-130	7	25
Chloroethane	20.7		µg/l		20.0		104	60.1-131	7	50
Chloroform	17.5		µg/l		20.0		87	70-130	6	25
Chloromethane	17.8		µg/l		20.0		89	70-130	7	25
2-Chlorotoluene	19.2		µg/l		20.0		96	70-130	6	25
4-Chlorotoluene	19.4		µg/l		20.0		97	70-130	6	25
1,2-Dibromo-3-chloropropane	17.1		µg/l		20.0		86	70-130	6	25
Dibromochloromethane	16.2		µg/l		20.0		81	66.2-145	3	50
1,2-Dibromoethane (EDB)	16.2		µg/l		20.0		81	70-130	3	25
Dibromomethane	16.1		µg/l		20.0		81	70-130	1	25
1,2-Dichlorobenzene	17.4		µg/l		20.0		87	70-130	5	25
1,3-Dichlorobenzene	17.7		µg/l		20.0		88	70-130	5	25
1,4-Dichlorobenzene	18.0		µg/l		20.0		90	70-130	4	25
Dichlorodifluoromethane (Freon12)	15.4		µg/l		20.0		77	46.9-168	9	50
1,1-Dichloroethane	17.8		µg/l		20.0		89	70-130	7	25
1,2-Dichloroethane	16.6		µg/l		20.0		83	70-130	3	25
1,1-Dichloroethene	16.5		µg/l		20.0		82	70-130	11	25
cis-1,2-Dichloroethene	16.4		µg/l		20.0		82	70-130	7	25
trans-1,2-Dichloroethene	17.6		µg/l		20.0		88	70-130	11	25
1,2-Dichloropropane	18.0		µg/l		20.0		90	70-130	6	25
1,3-Dichloropropane	16.0		µg/l		20.0		80	70-130	4	25
2,2-Dichloropropane	19.2		µg/l		20.0		96	70-130	9	25
1,1-Dichloropropene	17.5		µg/l		20.0		87	70-130	8	25
cis-1,3-Dichloropropene	17.0		µg/l		20.0		85	70-130	3	25
trans-1,3-Dichloropropene	16.8		µg/l		20.0		84	70-130	3	25
Ethylbenzene	19.2		µg/l		20.0		96	70-130	7	25
Hexachlorobutadiene	20.1		µg/l		20.0		100	70-135	12	50
2-Hexanone (MBK)	16.4		µg/l		20.0		82	70-130	1	25
Isopropylbenzene	20.5		µg/l		20.0		102	70-130	6	25
4-Isopropyltoluene	20.7		µg/l		20.0		103	70-130	4	25
Methyl tert-butyl ether	17.0		µg/l		20.0		85	70-130	2	25
4-Methyl-2-pentanone (MIBK)	17.2		µg/l		20.0		86	57.6-130	0.9	50
Methylene chloride	18.2		µg/l		20.0		91	70-130	1	25
Naphthalene	15.4		µg/l		20.0		77	70-130	17	25
n-Propylbenzene	20.6		µg/l		20.0		103	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 8120878 - SW846 5030 Water MS										
LCS Dup (8120878-BSD1)										
Prepared & Analyzed: 10-Dec-08										
Styrene	18.3		µg/l		20.0		92	70-130	5	25
1,1,1,2-Tetrachloroethane	18.3		µg/l		20.0		92	70-130	4	25
1,1,2,2-Tetrachloroethane	17.3		µg/l		20.0		86	70-130	5	25
Tetrachloroethene	16.9		µg/l		20.0		85	70-130	8	25
Toluene	17.6		µg/l		20.0		88	70-130	7	25
1,2,3-Trichlorobenzene	17.0		µg/l		20.0		85	70-130	17	25
1,2,4-Trichlorobenzene	16.2		µg/l		20.0		81	70-130	4	25
1,3,5-Trichlorobenzene	18.2		µg/l		20.0		91	70-130	3	25
1,1,1-Trichloroethane	18.3		µg/l		20.0		92	70-130	9	25
1,1,2-Trichloroethane	16.8		µg/l		20.0		84	70-130	2	25
Trichloroethene	17.7		µg/l		20.0		88	70-130	7	25
Trichlorofluoromethane (Freon 11)	17.6		µg/l		20.0		88	64.9-147	7	50
1,2,3-Trichloropropane	15.5		µg/l		20.0		78	70-130	2	25
1,2,4-Trimethylbenzene	18.6		µg/l		20.0		93	70-130	5	25
1,3,5-Trimethylbenzene	19.2		µg/l		20.0		96	70-130	3	25
Vinyl chloride	18.1		µg/l		20.0		91	70-130	11	25
m,p-Xylene	38.0		µg/l		40.0		95	70-130	7	25
o-Xylene	18.2		µg/l		20.0		91	70-130	9	25
Tetrahydrofuran	17.1		µg/l		20.0		85	70-130	3	25
Ethyl ether	16.9		µg/l		20.0		85	70-130	3	50
Tert-amyl methyl ether	17.3		µg/l		20.0		86	70-130	4	25
Ethyl tert-butyl ether	17.3		µg/l		20.0		87	70-130	4	25
Di-isopropyl ether	18.9		µg/l		20.0		94	70-130	4	25
Tert-Butanol / butyl alcohol	174		µg/l		200		87	70-130	3	25
1,4-Dioxane	165		µg/l		200		82	53.8-137	2	25
trans-1,4-Dichloro-2-butene	19.2		µg/l		20.0		96	70-130	0.1	25
Ethanol	393		µg/l		400		98	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*48.3*		µg/l		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*49.1*		µg/l		*50.0*		*98*	*70-130*		
Matrix Spike (8120878-MS1) **Source: SA88408-03**										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Benzene	11.4	QM7	µg/l		20.0	BRL	57	70-130		
Chlorobenzene	12.9	QM7	µg/l		20.0	BRL	64	70-130		
1,1-Dichloroethene	9.1	QM7	µg/l		20.0	BRL	46	70-130		
Toluene	11.9	QM7	µg/l		20.0	BRL	60	70-130		
Trichloroethene	10.6	QM7	µg/l		20.0	BRL	53	70-130		
Surrogate: 4-Bromofluorobenzene	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*49.5*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*48.9*		µg/l		*50.0*		*98*	*70-130*		
Matrix Spike Dup (8120878-MSD1) **Source: SA88408-03**										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Benzene	16.6	QR5	µg/l		20.0	BRL	83	70-130	37	30
Chlorobenzene	18.7	QR5	µg/l		20.0	BRL	94	70-130	37	30
1,1-Dichloroethene	13.0	QM7	µg/l		20.0	BRL	65	70-130	35	30
Toluene	17.1	QR5	µg/l		20.0	BRL	86	70-130	36	30
Trichloroethene	15.4	QR5	µg/l		20.0	BRL	77	70-130	37	30
Surrogate: 4-Bromofluorobenzene	*49.1*		µg/l		*50.0*		*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 8120878 - SW846 5030 Water MS										
Matrix Spike Dup (8120878-MSD1) **Source: SA88408-03**										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Surrogate: Toluene-d8	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.2*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*48.8*		µg/l		*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 8120963 - SW846 3545A										
Blank (8120963-BLK1)										
Prepared: 11-Dec-08 Analyzed: 12-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 8120963 - SW846 3545A										
Blank (8120963-BLK1)										
Prepared: 11-Dec-08 Analyzed: 12-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	*2040*		µg/kg wet		*3330*		*61*	*30-130*		
Surrogate: 2-Fluorophenol	*2220*		µg/kg wet		*3330*		*67*	*15-110*		
Surrogate: Nitrobenzene-d5	*1990*		µg/kg wet		*3330*		*60*	*30-130*		
Surrogate: Phenol-d5	*1960*		µg/kg wet		*3330*		*59*	*15-110*		
Surrogate: Terphenyl-dl4	*2370*		µg/kg wet		*3330*		*71*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2130*		µg/kg wet		*3330*		*64*	*15-110*		
LCS (8120963-BS1)										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Acenaphthene	2020		µg/kg wet	330	3330		61	40-130		
Acenaphthylene	2140		µg/kg wet	330	3330		64	40-130		
Aniline	867	QC2	µg/kg wet	330	3330		26	40-130		
Anthracene	1930		µg/kg wet	330	3330		58	40-130		
Atrazine	1440		µg/kg wet	330	3330		43	40-130		
Azobenzene/Diphenyldiazine	2000		µg/kg wet	330	3330		60	40-130		
Benzidine	BRL		µg/kg wet	330	3330			0-130		
Benzo (a) anthracene	2250		µg/kg wet	330	3330		67	40-130		
Benzo (a) pyrene	1910		µg/kg wet	330	3330		57	40-130		
Benzo (b) fluoranthene	1950		µg/kg wet	330	3330		59	40-130		
Benzo (g,h,i) perylene	2170		µg/kg wet	330	3330		65	40-130		
Benzo (k) fluoranthene	1940		µg/kg wet	330	3330		58	40-130		
Benzoic acid	1980		µg/kg wet	330	3330		59	3.25-130		
Benzyl alcohol	1670		µg/kg wet	330	3330		50	40-130		
Bis(2-chloroethoxy)methane	2110		µg/kg wet	330	3330		63	40-130		
Bis(2-chloroethyl)ether	2200		µg/kg wet	330	3330		66	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 8120963 - SW846 3545A										
LCS (8120963-BS1)										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Bis(2-chloroisopropyl)ether	2240		µg/kg wet	330	3330		67	40-130		
Bis(2-ethylhexyl)phthalate	2590		µg/kg wet	330	3330		78	40-130		
4-Bromophenyl phenyl ether	2040		µg/kg wet	330	3330		61	40-130		
Butyl benzyl phthalate	2520		µg/kg wet	330	3330		76	40-130		
Carbazole	1860		µg/kg wet	330	3330		56	40-130		
4-Chloro-3-methylphenol	1960		µg/kg wet	330	3330		59	40-130		
4-Chloroaniline	1090	QC2	µg/kg wet	330	3330		33	40-130		
2-Chloronaphthalene	1890		µg/kg wet	330	3330		57	40-130		
2-Chlorophenol	1930		µg/kg wet	330	3330		58	40-130		
4-Chlorophenyl phenyl ether	2210		µg/kg wet	330	3330		66	40-130		
Chrysene	2350		µg/kg wet	330	3330		71	40-130		
Dibenzo (a,h) anthracene	2210		µg/kg wet	330	3330		66	40-130		
Dibenzofuran	1930		µg/kg wet	330	3330		58	40-130		
1,2-Dichlorobenzene	1850		µg/kg wet	330	3330		55	40-130		
1,3-Dichlorobenzene	1840		µg/kg wet	330	3330		55	40-130		
1,4-Dichlorobenzene	1910		µg/kg wet	330	3330		57	40-130		
3,3'-Dichlorobenzidine	1550		µg/kg wet	330	3330		46	40-130		
2,4-Dichlorophenol	1960		µg/kg wet	330	3330		59	40-130		
Diethyl phthalate	2200		µg/kg wet	330	3330		66	40-130		
Dimethyl phthalate	2400		µg/kg wet	330	3330		72	40-130		
2,4-Dimethylphenol	1920		µg/kg wet	330	3330		58	40-130		
Di-n-butyl phthalate	2160		µg/kg wet	330	3330		65	40-130		
4,6-Dinitro-2-methylphenol	2020		µg/kg wet	330	3330		60	40-130		
2,4-Dinitrophenol	2000		µg/kg wet	330	3330		60	40-130		
2,4-Dinitrotoluene	2100		µg/kg wet	330	3330		63	40-130		
2,6-Dinitrotoluene	2030		µg/kg wet	330	3330		61	40-130		
Di-n-octyl phthalate	2030		µg/kg wet	330	3330		61	40-130		
Fluoranthene	1950		µg/kg wet	330	3330		59	40-130		
Fluorene	1980		µg/kg wet	330	3330		59	40-130		
Hexachlorobenzene	1770		µg/kg wet	330	3330		53	40-130		
Hexachlorobutadiene	1830		µg/kg wet	330	3330		55	40-130		
Hexachlorocyclopentadiene	1520		µg/kg wet	330	3330		45	40-130		
Hexachloroethane	1890		µg/kg wet	330	3330		57	40-130		
Indeno (1,2,3-cd) pyrene	2170		µg/kg wet	330	3330		65	40-130		
Isophorone	1860		µg/kg wet	330	3330		56	40-130		
1-Methylnaphthalene	2010		µg/kg wet	330	3330		60	40-140		
2-Methylnaphthalene	1900		µg/kg wet	330	3330		57	40-130		
2-Methylphenol	2080		µg/kg wet	330	3330		62	40-130		
3 & 4-Methylphenol	2110		µg/kg wet	330	3330		63	40-130		
Naphthalene	1910		µg/kg wet	330	3330		57	40-130		
2-Nitroaniline	2030		µg/kg wet	330	3330		61	40-130		
3-Nitroaniline	1320		µg/kg wet	330	3330		40	40-130		
4-Nitroaniline	1750		µg/kg wet	1320	3330		53	40-130		
Nitrobenzene	1890		µg/kg wet	330	3330		57	40-130		
2-Nitrophenol	1960		µg/kg wet	330	3330		59	40-130		
4-Nitrophenol	2250		µg/kg wet	1320	3330		67	40-130		
N-Nitrosodimethylamine	2100		µg/kg wet	330	3330		63	40-130		
N-Nitrosodi-n-propylamine	2210		µg/kg wet	330	3330		66	40-130		
N-Nitrosodiphenylamine	2060		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 8120963 - SW846 3545A										
LCS (8120963-BS1)										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Pentachlorophenol	2070		µg/kg wet	330	3330		62	40-130		
Phenanthrene	1910		µg/kg wet	330	3330		57	40-130		
Phenol	1960		µg/kg wet	330	3330		59	40-130		
Pyrene	2290		µg/kg wet	330	3330		69	40-130		
Pyridine	244		µg/kg wet	330	3330		7	0-130		
1,2,4-Trichlorobenzene	1820		µg/kg wet	330	3330		54	40-130		
2,4,5-Trichlorophenol	2010		µg/kg wet	330	3330		60	40-130		
2,4,6-Trichlorophenol	1960		µg/kg wet	330	3330		59	40-130		
Pentachloronitrobenzene	1930		µg/kg wet	330	3330		58	40-140		
1,2,4,5-Tetrachlorobenzene	1810		µg/kg wet	330	3330		54	40-140		
Surrogate: 2-Fluorobiphenyl	*1910*		µg/kg wet		*3330*		*57*	*30-130*		
Surrogate: 2-Fluorophenol	*1880*		µg/kg wet		*3330*		*56*	*15-110*		
Surrogate: Nitrobenzene-d5	*1910*		µg/kg wet		*3330*		*57*	*30-130*		
Surrogate: Phenol-d5	*1740*		µg/kg wet		*3330*		*52*	*15-110*		
Surrogate: Terphenyl-dl4	*2120*		µg/kg wet		*3330*		*64*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1980*		µg/kg wet		*3330*		*59*	*15-110*		
Duplicate (8120963-DUP1) **Source: SA88429-04**										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
Acenaphthene	BRL		µg/kg dry	364		BRL				50
Acenaphthylene	BRL		µg/kg dry	364		BRL				50
Aniline	BRL		µg/kg dry	364		BRL				50
Anthracene	BRL		µg/kg dry	364		BRL				50
Atrazine	BRL		µg/kg dry	364		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	364		BRL				50
Benzidine	BRL		µg/kg dry	364		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	364		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	364		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	364		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	364		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	364		BRL				50
Benzoic acid	BRL		µg/kg dry	364		BRL				50
Benzyl alcohol	BRL		µg/kg dry	364		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	364		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	364		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	364		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	364		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	364		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	364		BRL				50
Carbazole	BRL		µg/kg dry	364		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	364		BRL				50
4-Chloroaniline	BRL		µg/kg dry	364		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	364		BRL				50
2-Chlorophenol	BRL		µg/kg dry	364		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	364		BRL				50
Chrysene	BRL		µg/kg dry	364		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	364		BRL				50
Dibenzofuran	BRL		µg/kg dry	364		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	364		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	364		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	364		BRL				50

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120964 - SW846 3545A										
Blank (8120964-BLK1)										
Prepared: 11-Dec-08 Analyzed: 12-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)	*16.9*		µg/kg wet		*20.0*		*84*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.7*		µg/kg wet		*20.0*		*108*	*30-150*		
LCS (8120964-BS1)										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
PCB 1016	251		µg/kg wet	20.0	250		100	40-140		
PCB 1260	256		µg/kg wet	20.0	250		102	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.2*		µg/kg wet		*20.0*		*86*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.7*		µg/kg wet		*20.0*		*108*	*30-150*		
LCS Dup (8120964-BSD1)										
Prepared: 11-Dec-08 Analyzed: 12-Dec-08										
PCB 1016	254		µg/kg wet	20.0	250		102	40-140	1	30
PCB 1260	261		µg/kg wet	20.0	250		104	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.5*		µg/kg wet		*20.0*		*88*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Duplicate (8120964-DUP1) **Source: SA88429-04**										
Prepared: 11-Dec-08 Analyzed: 13-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)	*20.8*		µg/kg dry		*22.1*		*94*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.8*		µg/kg dry		*22.1*		*112*	*30-150*		
Matrix Spike (8120964-MS1) **Source: SA88429-04**										
Prepared: 11-Dec-08 Analyzed: 13-Dec-08										
PCB 1016	306		µg/kg dry	21.5	269	BRL	114	40-140		
PCB 1260	302		µg/kg dry	21.5	269	BRL	112	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.8*		µg/kg dry		*21.5*		*97*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.1*		µg/kg dry		*21.5*		*112*	*30-150*		
Matrix Spike Dup (8120964-MSD1) **Source: SA88429-04**										
Prepared: 11-Dec-08 Analyzed: 13-Dec-08										
PCB 1016	314		µg/kg dry	21.9	274	BRL	114	40-140	0.7	50
PCB 1260	325		µg/kg dry	21.9	274	BRL	118	40-140	6	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.5*		µg/kg dry		*21.9*		*107*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.2*		µg/kg dry		*21.9*		*128*	*30-150*		
Batch 8121073 - 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 8121073 - SW846 3550B										
Blank (8121073-BLK1)										
Prepared: 12-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)	*18.3*		µg/kg wet		*13.3*		*122*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*16.5*		µg/kg wet		*13.3*		*124*	*30-150*		
LCS (8121073-BS1)										
Prepared: 12-Dec-08 Analyzed: 16-Dec-08										
2,4,5-T	32.6		µg/kg wet	6.70	33.3		98	40-140		
2,4,5-T [2C]	26.9		µg/kg wet	6.70	33.3		81	40-140		
2,4,5-TP (Silvex)	35.0		µg/kg wet	6.70	33.3		105	40-140		
2,4,5-TP (Silvex) [2C]	32.9		µg/kg wet	6.70	33.3		99	40-140		
2,4-D	33.1		µg/kg wet	6.70	33.3		99	40-140		
2,4-D [2C]	28.6		µg/kg wet	6.70	33.3		86	40-140		
2,4-DB	29.0		µg/kg wet	6.70	33.3		87	40-140		
2,4-DB [2C]	22.2		µg/kg wet	6.70	33.3		67	40-140		
Dalapon	21.8		µg/kg wet	6.70	33.3		65	40-140		
Dalapon [2C]	29.5		µg/kg wet	6.70	33.3		88	40-140		
Dicamba	34.3		µg/kg wet	6.70	33.3		103	40-140		
Dicamba [2C]	34.4		µg/kg wet	6.70	33.3		103	40-140		
Dichlorprop	33.3		µg/kg wet	6.70	33.3		100	40-140		
Dichlorprop [2C]	33.3		µg/kg wet	6.70	33.3		100	40-140		
Dinoseb	36.7		µg/kg wet	6.70	33.3		110	40-140		
Dinoseb [2C]	37.8		µg/kg wet	6.70	33.3		113	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.3*		µg/kg wet		*13.3*		*138*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*19.1*		µg/kg wet		*13.3*		*143*	*30-150*		
LCS (8121073-BS2)										
Prepared: 12-Dec-08 Analyzed: 16-Dec-08										
MCPA	8270		µg/kg wet	670	10000		83	40-140		
MCPA [2C]	9670		µg/kg wet	670	10000		97	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 8121073 - SW846 3550B										
LCS (8121073-BS2)										
Prepared: 12-Dec-08 Analyzed: 16-Dec-08										
MCPB [2C]	9530		µg/kg wet	670	10000		95	40-140		
MCPP	7730		µg/kg wet	670	10000		77	40-140		
MCPP [2C]	6400		µg/kg wet	670	10000		64	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.6*		µg/kg wet		*13.3*		*124*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*16.4*		µg/kg wet		*13.3*		*123*	*30-150*		
LCS Dup (8121073-BSD1)										
Prepared: 12-Dec-08 Analyzed: 16-Dec-08										
2,4,5-T	34.1		µg/kg wet	6.70	33.3		102	40-140	4	25
2,4,5-T [2C]	25.9		µg/kg wet	6.70	33.3		78	40-140	4	25
2,4,5-TP (Silvex)	36.1		µg/kg wet	6.70	33.3		108	40-140	3	25
2,4,5-TP (Silvex) [2C]	33.1		µg/kg wet	6.70	33.3		99	40-140	0.8	25
2,4-D	30.5		µg/kg wet	6.70	33.3		91	40-140	8	25
2,4-D [2C]	24.7		µg/kg wet	6.70	33.3		74	40-140	15	25
2,4-DB	27.3		µg/kg wet	6.70	33.3		82	40-140	6	25
2,4-DB [2C]	22.1		µg/kg wet	6.70	33.3		66	40-140	0.3	25
Dalapon	22.1		µg/kg wet	6.70	33.3		66	40-140	1	25
Dalapon [2C]	30.5		µg/kg wet	6.70	33.3		92	40-140	4	25
Dicamba	34.3		µg/kg wet	6.70	33.3		103	40-140	0.2	25
Dicamba [2C]	36.3		µg/kg wet	6.70	33.3		109	40-140	5	25
Dichlorprop	31.6		µg/kg wet	6.70	33.3		95	40-140	5	25
Dichlorprop [2C]	35.3		µg/kg wet	6.70	33.3		106	40-140	6	25
Dinoseb	36.2		µg/kg wet	6.70	33.3		109	40-140	1	25
Dinoseb [2C]	38.1		µg/kg wet	6.70	33.3		114	40-140	0.7	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.2*		µg/kg wet		*13.3*		*136*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*19.3*		µg/kg wet		*13.3*		*145*	*30-150*		
LCS Dup (8121073-BSD2)										
Prepared: 12-Dec-08 Analyzed: 16-Dec-08										
MCPA	8400		µg/kg wet	670	10000		84	40-140	2	25
MCPA [2C]	9270		µg/kg wet	670	10000		93	40-140	4	25
MCPB	8730		µg/kg wet	670	10000		87	40-140	2	25
MCPB [2C]	9000		µg/kg wet	670	10000		90	40-140	6	25
MCPP	8270		µg/kg wet	670	10000		83	40-140	7	25
MCPP [2C]	7000		µg/kg wet	670	10000		70	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) [:	*16.5*		µg/kg wet		*13.3*		*124*	*30-150*		
Duplicate (8121073-DUP1) **Source: SA88429-04**										
Prepared: 12-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 8121073 - SW846 3550B										
Duplicate (8121073-DUP1) **Source: SA88429-04**										
Prepared: 12-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)	*10.7*		µg/kg dry		*14.6*		*73*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*12.7*		µg/kg dry		*14.6*		*87*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120955 - SW846 3550B										
Blank (8120955-BLK1)										
Prepared & Analyzed: 11-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	*1.85*		mg/kg wet		*3.33*		*55*	*50-150*		
LCS (8120955-BS1)										
Prepared & Analyzed: 11-Dec-08										
C9-C36 Aliphatic Hydrocarbons	57.7		mg/kg wet	13.3	93.3		62	60-120		
Surrogate: 1-Chlorooctadecane	*1.72*		mg/kg wet		*3.33*		*52*	*50-150*		
Duplicate (8120955-DUP1) **Source: SA88429-04**										
Prepared: 11-Dec-08 Analyzed: 15-Dec-08										
Gasoline	BRL		mg/kg dry	14.7		BRL				50
Fuel Oil #2	BRL		mg/kg dry	14.7		BRL				50
Fuel Oil #4	BRL		mg/kg dry	14.7		BRL				50
Fuel Oil #6	BRL		mg/kg dry	14.7		BRL				50
Motor Oil	BRL		mg/kg dry	14.7		BRL				50
Aviation Fuel	BRL		mg/kg dry	14.7		BRL				50
Unidentified	BRL		mg/kg dry	14.7		BRL				50
Other Oil	BRL		mg/kg dry	14.7		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.7		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.7		BRL				50
Surrogate: 1-Chlorooctadecane	*1.27*		mg/kg dry		*1.84*		*69*	*50-150*		
Matrix Spike (8120955-MS1) **Source: SA88338-12**										
Prepared: 11-Dec-08 Analyzed: 15-Dec-08										
C9-C36 Aliphatic Hydrocarbons	76.1		mg/kg dry	15.6	110	BRL	69	50-150		
Surrogate: 1-Chlorooctadecane	*2.12*		mg/kg dry		*3.91*		*54*	*50-150*		
Matrix Spike Dup (8120955-MSD1) **Source: SA88338-12**										
Prepared: 11-Dec-08 Analyzed: 15-Dec-08										
C9-C36 Aliphatic Hydrocarbons	74.9		mg/kg dry	16.2	114	BRL	66	50-150	5	30
Surrogate: 1-Chlorooctadecane	*2.18*		mg/kg dry		*4.06*		*54*	*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 8120571 - SW846 3050B										
Blank (8120571-BLK1)										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Selenium	BRL		mg/kg wet	1.38						
Lead	BRL		mg/kg wet	1.38						
Silver	BRL		mg/kg wet	1.38						
Cadmium	BRL		mg/kg wet	0.459						
Chromium	BRL		mg/kg wet	0.919						
Arsenic	BRL		mg/kg wet	1.38						
Barium	BRL		mg/kg wet	0.919						
Duplicate (8120571-DUP1) **Source: SA88422-01**										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Selenium	BRL		mg/kg dry	1.52		0.501				20
Lead	34.0	QR6	mg/kg dry	1.52		59.1			54	20
Cadmium	0.506		mg/kg dry	0.506		0.531			5	20
Arsenic	1.47	J	mg/kg dry	1.52		1.62			9	20
Silver	BRL		mg/kg dry	1.52		BRL				20
Chromium	14.8		mg/kg dry	1.01		14.6			2	20
Barium	88.7		mg/kg dry	1.01		97.1			9	20
Matrix Spike (8120571-MS1) **Source: SA88429-01**										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Lead	155		mg/kg dry	1.68	140	31.3	88	75-125		
Selenium	123		mg/kg dry	1.68	140	0.582	87	75-125		
Silver	128		mg/kg dry	1.68	140	BRL	92	75-125		
Cadmium	141		mg/kg dry	0.559	140	0.674	101	75-125		
Arsenic	135		mg/kg dry	1.68	140	3.01	95	75-125		
Chromium	151		mg/kg dry	1.12	140	13.3	98	75-125		
Barium	251	QM8	mg/kg dry	1.12	140	75.7	126	75-125		
Matrix Spike Dup (8120571-MSD1) **Source: SA88429-01**										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Lead	144		mg/kg dry	1.61	134	31.3	84	75-125	7	20
Selenium	110		mg/kg dry	1.61	134	0.582	81	75-125	11	20
Silver	118		mg/kg dry	1.61	134	BRL	88	75-125	8	20
Arsenic	125		mg/kg dry	1.61	134	3.01	91	75-125	8	20
Chromium	140		mg/kg dry	1.08	134	13.3	94	75-125	8	20
Cadmium	131		mg/kg dry	0.538	134	0.674	97	75-125	7	20
Barium	242		mg/kg dry	1.08	134	75.7	124	75-125	4	20
Post Spike (8120571-PS1) **Source: SA88429-01**										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Lead	148		mg/kg dry	1.66	138	31.3	85	80-120		
Selenium	114		mg/kg dry	1.66	138	0.582	82	80-120		
Silver	123		mg/kg dry	1.66	138	BRL	89	80-120		
Chromium	133		mg/kg dry	1.10	138	13.3	86	80-120		
Cadmium	134		mg/kg dry	0.552	138	0.674	96	80-120		
Arsenic	128		mg/kg dry	1.66	138	3.01	90	80-120		
Barium	201		mg/kg dry	1.10	138	75.7	91	80-120		
Reference (8120571-SRM1)										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Lead	64.4		mg/kg wet	1.50	70.2		92	80.9-119.9		
Selenium	91.6		mg/kg wet	1.50	103		89	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 8120571 - SW846 3050B										
Reference (8120571-SRM1)										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Arsenic	61.6		mg/kg wet	1.50	63.5		97	82.9-117.1		
Chromium	69.1		mg/kg wet	1.00	71.3		97	81.9-118.1		
Silver	32.1		mg/kg wet	1.50	32.2		100	66.2-133.7		
Cadmium	139		mg/kg wet	0.500	133		104	83.7-116.7		
Barium	133		mg/kg wet	1.00	132		100	80.5-119.5		
Reference (8120571-SRM2)										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Lead	62.6		mg/kg wet	1.50	69.3		90	80.9-119.9		
Selenium	87.2		mg/kg wet	1.50	101		86	79.9-119.6		
Cadmium	131		mg/kg wet	0.500	132		100	83.7-116.7		
Chromium	66.2		mg/kg wet	1.00	70.4		94	81.9-118.1		
Silver	29.0		mg/kg wet	1.50	31.8		91	66.2-133.7		
Arsenic	60.2		mg/kg wet	1.50	62.7		96	82.9-117.1		
Barium	127		mg/kg wet	1.00	131		97	80.5-119.5		
Batch 8120572 - EPA200/SW7000 Series										
Blank (8120572-BLK1)										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Mercury	BRL		mg/kg wet	0.0298						
Duplicate (8120572-DUP1) **Source: SA88422-01**										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Mercury	0.724		mg/kg dry	0.0308		0.876			19	20
Matrix Spike (8120572-MS1) **Source: SA88429-01**										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Mercury	0.557		mg/kg dry	0.0344	0.478	0.0639	103	75-125		
Matrix Spike Dup (8120572-MSD1) **Source: SA88429-01**										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Mercury	0.497		mg/kg dry	0.0339	0.471	0.0639	92	75-125	11	20
Post Spike (8120572-PS1) **Source: SA88429-01**										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Mercury	0.578		mg/kg dry	0.0347	0.482	0.0639	107	80-120		
Reference (8120572-SRM1)										
Prepared: 10-Dec-08 Analyzed: 11-Dec-08										
Mercury	1.86		mg/kg wet	0.0300	2.01		92	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 8121759 - SW846 3010A										
Blank (8121759-BLK1)										
Prepared & Analyzed: 23-Dec-08										
Lead	BRL		mg/l	0.0075						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
LCS (8121759-BS1)										
Prepared & Analyzed: 23-Dec-08										
Lead	1.22		mg/l	0.0075	1.25		97	85-115		
Cadmium	1.25		mg/l	0.0025	1.25		100	85-115		
Chromium	1.29		mg/l	0.0050	1.25		103	85-115		
LCS Dup (8121759-BSD1)										
Prepared & Analyzed: 23-Dec-08										
Lead	1.20		mg/l	0.0075	1.25		96	85-115	2	20
Cadmium	1.23		mg/l	0.0025	1.25		98	85-115	2	20
Chromium	1.28		mg/l	0.0050	1.25		102	85-115	0.5	20
Duplicate (8121759-DUP1)	**Source: SA88769-02**									
Prepared & Analyzed: 23-Dec-08										
Lead	BRL		mg/l	0.0075		BRL				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Matrix Spike (8121759-MS1)	**Source: SA88721-04**									
Prepared & Analyzed: 23-Dec-08										
Lead	1.22		mg/l	0.0075	1.25	BRL	98	75-125		
Cadmium	1.26		mg/l	0.0025	1.25	BRL	100	75-125		
Chromium	1.29		mg/l	0.0050	1.25	BRL	103	75-125		
Matrix Spike Dup (8121759-MSD1)	**Source: SA88721-04**									
Prepared & Analyzed: 23-Dec-08										
Lead	1.20		mg/l	0.0075	1.25	BRL	96	75-125	2	20
Chromium	1.27		mg/l	0.0050	1.25	BRL	102	75-125	2	20
Cadmium	1.23		mg/l	0.0025	1.25	BRL	98	75-125	2	20
Post Spike (8121759-PS1)	**Source: SA88721-04**									
Prepared & Analyzed: 23-Dec-08										
Lead	1.23		mg/l	0.0075	1.25	BRL	99	75-125		
Chromium	1.27		mg/l	0.0050	1.25	BRL	102	75-125		
Cadmium	1.26		mg/l	0.0025	1.25	BRL	101	75-125		
Batch 8121760 - EPA200/SW7000 Series										
Blank (8121760-BLK1)										
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Mercury	BRL		mg/l	0.00020						
LCS (8121760-BS1)										
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Mercury	0.00419		mg/l	0.00020	0.00500		84	56.1-122		
Duplicate (8121760-DUP1)	**Source: SA88769-02**									
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (8121760-MS1)	**Source: SA88721-05**									
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										

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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 8121760 - EPA200/SW7000 Series										
Matrix Spike (8121760-MS1)	**Source: SA88721-04**									
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Mercury	0.00475		mg/l	0.00020	0.00500	BRL	95	59.8-119		
Matrix Spike Dup (8121760-MSD1)	**Source: SA88721-04**									
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Mercury	0.00463		mg/l	0.00020	0.00500	BRL	93	59.8-119	3	20
Post Spike (8121760-PS1)	**Source: SA88721-04**									
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Mercury	0.00408		mg/l	0.00020	0.00500	BRL	82	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 8120675 - General Preparation										
Duplicate (8120675-DUP1)	**Source: SA88428-04**									
Prepared & Analyzed: 08-Dec-08										
% Solids	87.8		%			87.8			0.08	20
Batch 8120676 - General Preparation										
Duplicate (8120676-DUP1)	**Source: SA88429-07**									
Prepared & Analyzed: 08-Dec-08										
% Solids	87.5		%			89.7			3	20

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.
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
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.
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.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
S06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
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.
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:** 127-17797-08009

Sampling Date(s): 04-Dec-08

Laboratory Sample ID(s): SA88429-01 through SA88429-16

RCP Methods Used: +CT ETPH; SW846 1312; SW846 1312/6010B; SW846 1312/7470A; 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: 12/29/2008

CHAIN OF CUSTODY RECORD

✓ 88429

CHAIN OF CUSTODY RECORD

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Page 1 of 2

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.: 127-17797-08009
Site Name: Hartford Busway
Location: West Hartford State: CT
Sampler(s): Patrick de Paula

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=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	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOC 8260	SVOC 8270	CT ETPH	PCB 8082	Herbicides 8151	Total RCRA 8 Metals	SPLP RCRA 8 Metals
88429-01	RSB-A32	12/4/08	845	G	SO	7,9	3	2			X	X	X	X	X	X	
-02	RSB-A33		910														
-03	RSB-A34		930														
-04	RSB-A35		950														
-05	RSB-A36		1005														
-06	RSB-A37		1025														
-07	RSB-A38		1045														
-08	RSB-A39		1110														
-09	RSB-A40		1200														
-10	RSB-A41		1240														

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

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

Condition upon receipt: [ ] Iced [ ] Ambient [ ] °C 2.1°

Relinquished by:	Received by:	Date:	Time:
Patrick dePaula		12/5/08	910
	Bill Hennigar	12/05/08	1120

✓ 88429

SPECTRUM ANALYTICAL, INC.
Formerly
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

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

Project Mgr.: David Brassard

Invoice To: DAS 44236

P.O. No.: _____ RQN: _____

Project No.: 127-7797-08009

Site Name: Hartford Busway

Location: West 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= H_2O 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

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOC 8260	SVOC 8270	CT ETPH	PCB 8082	Herbicides 8151	Total RCRA 8 metals	SPLP RCRA 8 metals	QA Reporting Notes: (check if needed)
88429-11	RSB-A42	12/4/08	1325	G	SO	7,9	3	2			X	X	X	X	X	X		
-12	RSB-A43		1345															
-13	RSB-A44		1410															
-14	RSB-A45		1435															
-15	RSB-A46		1500															
-16	Trip Blank		800	G	X1	2												

- [ ] 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

- [ ] Fax results when available to (____) _____
- [X] E-mail to patrick.deparla@tetratech.com
- EDD Format _____

Condition upon receipt: [ ] Iced [ ] Ambient [ ] °C 2.1°

Relinquished by:	Received by:	Date:	Time:
Patrick S. deParla		12508	910
		12/5/08	1120

✓ 88429

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

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
Project Mgr.: David Brassard

Invoice To: DAS 44236
P.O. No.: _____ RQN: _____

Project No.: 127-27797-08009
Site Name: Hartford Busway
Location: West 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= H_2O 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

Containers: Analyses:

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 8157	Total RCRA 8 metals	SPLP metals	SPLP Pb, Cd, Cr, Hg
88429-11	RSB-A42	12/4/08	1325	G	SO	7,9	3	2			X	X	X	X	X	X		
12	RSB-A43	↓	1345	↓	↓	↓	↓	↓			↓	↓	↓	↓	↓	↓		
13	RSB-A44	↓	1410	↓	↓	↓	↓	↓			↓	↓	↓	↓	↓	↓		
14	RSB-A45	↓	1435	↓	↓	↓	↓	↓			↓	↓	↓	↓	↓	↓		X
15	RSB-A46	↓	1500	↓	↓	↓	↓	↓			↓	↓	↓	↓	↓	↓		
16	Trip Blank	↓	800	G	X1	2	↓				↓							

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 See approved 12/22/08 ANALYSIS

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

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 2.1

Relinquished by:	Received by:	Date:	Time:
Patrick S. de Paula	[signature]	12508	910
[signature]	[signature]	12/5/08	1120

Report Date:
30-Dec-08 14:17

☑ 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 - Newington, CT
Project 127-17797-08009

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA88551-01	Trip Blank	Water	05-Dec-08 08:00	08-Dec-08 15:24
SA88551-02	RSB-A47	Soil	05-Dec-08 08:15	08-Dec-08 15:24
SA88551-03	RSB-A48	Soil	05-Dec-08 08:45	08-Dec-08 15:24

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 43 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:

8120869-BS1

Analyte out of acceptance range.

2-Hexanone (MBK)

8120869-BSD1

Analyte out of acceptance range.

Chloromethane
Ethanol
Tert-Butanol / butyl alcohol
Tetrahydrofuran

8121213-BS1

Analyte out of acceptance range.

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

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
Trip Blank SA88551-01	127-17797-08009	Water	05-Dec-08 08:00	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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-08	15-Dec-08	8121213	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank SA88551-01	127-17797-08009	Water	05-Dec-08 08:00	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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-08	15-Dec-08	8121213	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*	*100*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*104*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A47 SA88551-02	127-17797-08009	Soil	05-Dec-08 08:15	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						Initial weight: 5.45 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.6	1	SW846 8260B	10-Dec-08	10-Dec-08	8120869	X
67-64-1	Acetone	BRL		µg/kg dry	76.0	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	15.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	76.0	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	38.0	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	15.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	15.2	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	15.2	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	15.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	8.5		µg/kg dry	7.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	15.0		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	76.0	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	76.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	76.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A47 SA88551-02	127-17797-08009	Soil	05-Dec-08 08:15	08-Dec-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds						Initial weight: 5.45 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.6	1	SW846 8260B	10-Dec-08	10-Dec-08	8120869	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	15.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	76.0	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	76.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	152	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	38.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3040	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*	*120*		*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	431	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	431	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	431	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	431	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	431	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	431	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	431	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	474		µg/kg dry	431	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	431	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	431	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	431	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	431	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	431	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	431	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A47	127-17797-08009	Soil	05-Dec-08 08:15	08-Dec-08
SA88551-02				

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											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	431	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	431	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	431	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	431	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	431	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	431	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	431	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	431	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	431	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	431	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	431	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	431	1	"	"	"	"	X
218-01-9	Chrysene	584		µg/kg dry	431	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	431	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	431	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	431	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	431	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	431	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	431	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	431	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	431	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	431	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	431	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	431	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	431	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	431	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	431	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	431	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	431	1	"	"	"	"	X
206-44-0	Fluoranthene	815		µg/kg dry	431	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	431	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	431	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	431	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	431	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	431	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	431	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	431	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	431	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	431	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	431	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	431	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	431	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	431	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	431	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1720	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	431	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	431	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1720	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	431	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	431	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A47 SA88551-02	127-17797-08009	Soil	05-Dec-08 08:15	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	431	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	431	1	"	"	"	"	X
85-01-8	Phenanthrene	465		µg/kg dry	431	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	431	1	"	"	"	"	X
129-00-0	Pyrene	1,010		µg/kg dry	431	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	431	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	431	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	431	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	431	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	431	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	431	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*46*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*31*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*43*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*29*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*48*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*49*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	25.5	1	SW846 8082	12-Dec-08	14-Dec-08	8121072	X
11104-28-2	PCB 1221	BRL		µg/kg dry	25.5	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	25.5	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	25.5	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	25.5	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	25.5	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	25.5	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	25.5	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	25.5	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*102*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*76*		*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	16-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)*	*42*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A47 SA88551-02	127-17797-08009	Soil	05-Dec-08 08:15	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	17.4	1	+CT ETPH	12-Dec-08	15-Dec-08	8121068	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.4	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.4	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.4	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	17.4	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	17.4	1	"	"	"	"	
	Unidentified	78.4		mg/kg dry	17.4	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	17.4	1	"	"	"	"	
	Total Petroleum Hydrocarbons	78.4		mg/kg dry	17.4	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	78.4		mg/kg dry	17.4	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*53*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.94	1	SW846 6010B	16-Dec-08	18-Dec-08	8120896	X
7440-38-2	Arsenic	72.5		mg/kg dry	1.94	1	"	"	"	"	X
7440-39-3	Barium	111		mg/kg dry	1.29	1	"	"	"	"	X
7440-43-9	Cadmium	0.756		mg/kg dry	0.646	1	"	"	"	"	X
7440-47-3	Chromium	8.75		mg/kg dry	1.29	1	"	"	"	"	X
7439-97-6	Mercury	0.0843		mg/kg dry	0.0388	1	SW846 7471A	"	16-Dec-08	8120897	X
7439-92-1	Lead	91.5		mg/kg dry	1.94	1	SW846 6010B	"	18-Dec-08	8120896	X
7782-49-2	Selenium	BRL		mg/kg dry	1.94	1	"	"	"	"	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	
7440-39-3	Barium	BRL		mg/l	0.0700	1	"	"	"	"	
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	76.1		%		1	SM2540 G Mod.	11-Dec-08	11-Dec-08	8120996	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A48 SA88551-03	127-17797-08009	Soil	05-Dec-08 08:45	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						Initial weight: 5.87 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	10-Dec-08	10-Dec-08	8120869	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A48	127-17797-08009	Soil	05-Dec-08 08:45	08-Dec-08
SA88551-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds						Initial weight: 5.87 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.1	1	SW846 8260B	10-Dec-08	10-Dec-08	8120869	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*	*85*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*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	389	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	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-A48 SA88551-03	127-17797-08009	Soil	05-Dec-08 08:45	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	389	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A48	127-17797-08009	Soil	05-Dec-08 08:45	08-Dec-08
SA88551-03				

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	389	1	SW846 8270C	12-Dec-08	17-Dec-08	8121067	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*	*67*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*45*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*60*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*44*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*69*		*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	23.2	1	SW846 8082	12-Dec-08	14-Dec-08	8121072	X
11104-28-2	PCB 1221	BRL		µg/kg dry	23.2	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	23.2	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	23.2	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	23.2	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	23.2	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	23.2	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	23.2	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	23.2	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*97*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*107*		*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	16-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-A48 SA88551-03	127-17797-08009	Soil	05-Dec-08 08:45	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	15.7	1	+CT ETPH	12-Dec-08	15-Dec-08	8121068	
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	64.5		mg/kg dry	15.7	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	64.5		mg/kg dry	15.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	64.5		mg/kg dry	15.7	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*75*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.74	1	SW846 6010B	16-Dec-08	18-Dec-08	8120896	X
7440-38-2	Arsenic	3.88		mg/kg dry	1.74	1	"	"	"	"	X
7440-39-3	Barium	36.2		mg/kg dry	1.16	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.580	1	"	"	"	"	X
7440-47-3	Chromium	7.17		mg/kg dry	1.16	1	"	"	"	"	X
7439-97-6	Mercury	0.0848		mg/kg dry	0.0344	1	SW846 7471A	"	16-Dec-08	8120897	X
7439-92-1	Lead	57.5		mg/kg dry	1.74	1	SW846 6010B	"	18-Dec-08	8120896	X
7782-49-2	Selenium	BRL		mg/kg dry	1.74	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	83.8		%		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 8120869 - SW846 5035A Soil (low level)										
Blank (8120869-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 8120869 - SW846 5035A Soil (low level)										
Blank (8120869-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	*50.2*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.5*		µg/kg wet		*50.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
LCS (8120869-BS1)										
Prepared & Analyzed: 10-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.7		µg/kg wet		20.0		99	70-130		
Acetone	7.4		µg/kg wet		20.0		37	0-168		
Acrylonitrile	15.8		µg/kg wet		20.0		79	70-130		
Benzene	21.1		µg/kg wet		20.0		105	70-130		
Bromobenzene	19.2		µg/kg wet		20.0		96	70-130		
Bromochloromethane	16.2		µg/kg wet		20.0		81	70-130		
Bromodichloromethane	19.4		µg/kg wet		20.0		97	70-130		
Bromoform	17.5		µg/kg wet		20.0		87	70-130		
Bromomethane	17.2		µg/kg wet		20.0		86	40.9-138		
2-Butanone (MEK)	14.4		µg/kg wet		20.0		72	29.8-145		
n-Butylbenzene	22.0		µg/kg wet		20.0		110	70-130		
sec-Butylbenzene	19.9		µg/kg wet		20.0		99	70-130		
tert-Butylbenzene	19.8		µg/kg wet		20.0		99	70-130		
Carbon disulfide	19.8		µg/kg wet		20.0		99	70-130		
Carbon tetrachloride	21.1		µg/kg wet		20.0		105	70-130		
Chlorobenzene	20.6		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 8120869 - SW846 5035A Soil (low level)										
LCS (8120869-BS1)										
Prepared & Analyzed: 10-Dec-08										
Chloroethane	18.0		µg/kg wet		20.0		90	47.5-130		
Chloroform	18.9		µg/kg wet		20.0		94	70-130		
Chloromethane	15.3		µg/kg wet		20.0		77	70-130		
2-Chlorotoluene	20.7		µg/kg wet		20.0		103	70-130		
4-Chlorotoluene	20.1		µg/kg wet		20.0		101	70-130		
1,2-Dibromo-3-chloropropane	17.1		µg/kg wet		20.0		86	70-130		
Dibromochloromethane	17.6		µg/kg wet		20.0		88	66.2-130		
1,2-Dibromoethane (EDB)	17.2		µg/kg wet		20.0		86	70-130		
Dibromomethane	16.7		µg/kg wet		20.0		83	70-130		
1,2-Dichlorobenzene	19.3		µg/kg wet		20.0		96	70-130		
1,3-Dichlorobenzene	18.6		µg/kg wet		20.0		93	70-130		
1,4-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
Dichlorodifluoromethane (Freon12)	15.8		µg/kg wet		20.0		79	32-158		
1,1-Dichloroethane	19.2		µg/kg wet		20.0		96	70-130		
1,2-Dichloroethane	18.9		µg/kg wet		20.0		94	70-130		
1,1-Dichloroethene	19.6		µg/kg wet		20.0		98	70-130		
cis-1,2-Dichloroethene	19.4		µg/kg wet		20.0		97	70-130		
trans-1,2-Dichloroethene	21.1		µg/kg wet		20.0		105	70-130		
1,2-Dichloropropane	20.1		µg/kg wet		20.0		100	70-130		
1,3-Dichloropropane	17.0		µg/kg wet		20.0		85	70-130		
2,2-Dichloropropane	18.5		µg/kg wet		20.0		92	70-130		
1,1-Dichloropropene	21.2		µg/kg wet		20.0		106	70-130		
cis-1,3-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130		
trans-1,3-Dichloropropene	17.8		µg/kg wet		20.0		89	70-130		
Ethylbenzene	21.3		µg/kg wet		20.0		107	70-130		
Hexachlorobutadiene	19.6		µg/kg wet		20.0		98	53.6-138		
2-Hexanone (MBK)	13.8	QC1	µg/kg wet		20.0		69	70-130		
Isopropylbenzene	21.5		µg/kg wet		20.0		108	70-130		
4-Isopropyltoluene	20.9		µg/kg wet		20.0		104	70-130		
Methyl tert-butyl ether	19.4		µg/kg wet		20.0		97	70-130		
4-Methyl-2-pentanone (MIBK)	15.6		µg/kg wet		20.0		78	53.5-137		
Methylene chloride	17.4		µg/kg wet		20.0		87	70-130		
Naphthalene	19.5		µg/kg wet		20.0		98	70-130		
n-Propylbenzene	21.3		µg/kg wet		20.0		106	70-130		
Styrene	20.2		µg/kg wet		20.0		101	70-130		
1,1,1,2-Tetrachloroethane	19.8		µg/kg wet		20.0		99	70-130		
1,1,2,2-Tetrachloroethane	17.5		µg/kg wet		20.0		88	70-130		
Tetrachloroethene	19.8		µg/kg wet		20.0		99	70-130		
Toluene	17.9		µg/kg wet		20.0		89	70-130		
1,2,3-Trichlorobenzene	20.1		µg/kg wet		20.0		100	70-130		
1,2,4-Trichlorobenzene	19.8		µg/kg wet		20.0		99	70-130		
1,3,5-Trichlorobenzene	21.7		µg/kg wet		20.0		109	70-130		
1,1,1-Trichloroethane	20.0		µg/kg wet		20.0		100	70-130		
1,1,2-Trichloroethane	17.2		µg/kg wet		20.0		86	70-130		
Trichloroethene	20.6		µg/kg wet		20.0		103	70-130		
Trichlorofluoromethane (Freon 11)	19.5		µg/kg wet		20.0		97	50.9-138		
1,2,3-Trichloropropane	15.2		µg/kg wet		20.0		76	70-130		
1,2,4-Trimethylbenzene	20.5		µg/kg wet		20.0		102	70-130		
1,3,5-Trimethylbenzene	20.9		µg/kg wet		20.0		104	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120869 - SW846 5035A Soil (low level)										
LCS (8120869-BS1)										
Prepared & Analyzed: 10-Dec-08										
Vinyl chloride	17.0		µg/kg wet		20.0		85	70-130		
m,p-Xylene	41.9		µg/kg wet		40.0		105	70-130		
o-Xylene	20.5		µg/kg wet		20.0		102	70-130		
Tetrahydrofuran	16.1		µg/kg wet		20.0		81	70-130		
Ethyl ether	19.8		µg/kg wet		20.0		99	61.4-130		
Tert-amyl methyl ether	17.5		µg/kg wet		20.0		87	70-130		
Ethyl tert-butyl ether	19.6		µg/kg wet		20.0		98	70-130		
Di-isopropyl ether	21.1		µg/kg wet		20.0		106	70-130		
Tert-Butanol / butyl alcohol	154		µg/kg wet		200		77	70-130		
1,4-Dioxane	169		µg/kg wet		200		84	48.3-142		
trans-1,4-Dichloro-2-butene	16.4		µg/kg wet		20.0		82	70-130		
Ethanol	308		µg/kg wet		400		77	70-130		
Surrogate: 4-Bromofluorobenzene	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*48.0*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.9*		µg/kg wet		*50.0*		*90*	*70-130*		
Surrogate: Dibromofluoromethane	*47.5*		µg/kg wet		*50.0*		*95*	*70-130*		
LCS Dup (8120869-BSD1)										
Prepared & Analyzed: 10-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.4		µg/kg wet		20.0		97	70-130	2	25
Acetone	6.1		µg/kg wet		20.0		31	0-168	19	50
Acrylonitrile	14.9		µg/kg wet		20.0		75	70-130	5	25
Benzene	20.9		µg/kg wet		20.0		104	70-130	1	25
Bromobenzene	17.2		µg/kg wet		20.0		86	70-130	11	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	17.4		µg/kg wet		20.0		87	70-130	0.5	25
Bromomethane	14.9		µg/kg wet		20.0		74	40.9-138	14	50
2-Butanone (MEK)	14.5		µg/kg wet		20.0		72	29.8-145	0.3	50
n-Butylbenzene	20.9		µg/kg wet		20.0		104	70-130	5	25
sec-Butylbenzene	17.9		µg/kg wet		20.0		90	70-130	10	25
tert-Butylbenzene	17.7		µg/kg wet		20.0		88	70-130	12	25
Carbon disulfide	18.9		µg/kg wet		20.0		94	70-130	5	25
Carbon tetrachloride	21.3		µg/kg wet		20.0		107	70-130	1	25
Chlorobenzene	19.7		µg/kg wet		20.0		99	70-130	4	25
Chloroethane	15.6		µg/kg wet		20.0		78	47.5-130	14	50
Chloroform	19.0		µg/kg wet		20.0		95	70-130	0.7	25
Chloromethane	12.6	QC1	µg/kg wet		20.0		63	70-130	20	25
2-Chlorotoluene	18.7		µg/kg wet		20.0		94	70-130	10	25
4-Chlorotoluene	17.9		µg/kg wet		20.0		90	70-130	12	25
1,2-Dibromo-3-chloropropane	15.5		µg/kg wet		20.0		78	70-130	10	25
Dibromochloromethane	17.0		µg/kg wet		20.0		85	66.2-130	4	50
1,2-Dibromoethane (EDB)	16.2		µg/kg wet		20.0		81	70-130	6	25
Dibromomethane	17.4		µg/kg wet		20.0		87	70-130	5	25
1,2-Dichlorobenzene	18.9		µg/kg wet		20.0		95	70-130	2	25
1,3-Dichlorobenzene	16.5		µg/kg wet		20.0		82	70-130	12	25
1,4-Dichlorobenzene	19.6		µg/kg wet		20.0		98	70-130	4	25
Dichlorodifluoromethane (Freon12)	13.4		µg/kg wet		20.0		67	32-158	17	50
1,1-Dichloroethane	19.3		µg/kg wet		20.0		97	70-130	0.5	25
1,2-Dichloroethane	18.6		µg/kg wet		20.0		93	70-130	1	25
1,1-Dichloroethene	19.8		µg/kg wet		20.0		99	70-130	0.7	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8120869 - SW846 5035A Soil (low level)										
LCS Dup (8120869-BSD1)										
Prepared & Analyzed: 10-Dec-08										
cis-1,2-Dichloroethene	19.1		µg/kg wet		20.0		96	70-130	1	25
trans-1,2-Dichloroethene	21.4		µg/kg wet		20.0		107	70-130	2	25
1,2-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130	0.4	25
1,3-Dichloropropane	16.2		µg/kg wet		20.0		81	70-130	4	25
2,2-Dichloropropane	18.4		µg/kg wet		20.0		92	70-130	0.4	25
1,1-Dichloropropene	21.5		µg/kg wet		20.0		108	70-130	1	25
cis-1,3-Dichloropropene	18.4		µg/kg wet		20.0		92	70-130	1	25
trans-1,3-Dichloropropene	17.1		µg/kg wet		20.0		86	70-130	4	25
Ethylbenzene	20.0		µg/kg wet		20.0		100	70-130	6	25
Hexachlorobutadiene	18.4		µg/kg wet		20.0		92	53.6-138	7	50
2-Hexanone (MBK)	14.3		µg/kg wet		20.0		72	70-130	4	25
Isopropylbenzene	19.9		µg/kg wet		20.0		100	70-130	8	25
4-Isopropyltoluene	20.3		µg/kg wet		20.0		101	70-130	3	25
Methyl tert-butyl ether	19.7		µg/kg wet		20.0		99	70-130	2	25
4-Methyl-2-pentanone (MIBK)	14.8		µg/kg wet		20.0		74	53.5-137	6	50
Methylene chloride	16.2		µg/kg wet		20.0		81	70-130	7	25
Naphthalene	17.7		µg/kg wet		20.0		89	70-130	10	25
n-Propylbenzene	19.0		µg/kg wet		20.0		95	70-130	12	25
Styrene	18.6		µg/kg wet		20.0		93	70-130	8	25
1,1,1,2-Tetrachloroethane	20.4		µg/kg wet		20.0		102	70-130	3	25
1,1,2,2-Tetrachloroethane	16.4		µg/kg wet		20.0		82	70-130	6	25
Tetrachloroethene	18.2		µg/kg wet		20.0		91	70-130	8	25
Toluene	16.8		µg/kg wet		20.0		84	70-130	6	25
1,2,3-Trichlorobenzene	18.4		µg/kg wet		20.0		92	70-130	9	25
1,2,4-Trichlorobenzene	18.3		µg/kg wet		20.0		92	70-130	8	25
1,3,5-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	7	25
1,1,1-Trichloroethane	20.7		µg/kg wet		20.0		103	70-130	4	25
1,1,2-Trichloroethane	16.8		µg/kg wet		20.0		84	70-130	2	25
Trichloroethene	20.5		µg/kg wet		20.0		103	70-130	0.5	25
Trichlorofluoromethane (Freon 11)	18.9		µg/kg wet		20.0		94	50.9-138	3	50
1,2,3-Trichloropropane	14.7		µg/kg wet		20.0		73	70-130	4	25
1,2,4-Trimethylbenzene	18.2		µg/kg wet		20.0		91	70-130	12	25
1,3,5-Trimethylbenzene	18.6		µg/kg wet		20.0		93	70-130	12	25
Vinyl chloride	14.8		µg/kg wet		20.0		74	70-130	13	25
m,p-Xylene	39.6		µg/kg wet		40.0		99	70-130	5	25
o-Xylene	18.7		µg/kg wet		20.0		93	70-130	9	25
Tetrahydrofuran	13.4	QC1	µg/kg wet		20.0		67	70-130	18	25
Ethyl ether	20.6		µg/kg wet		20.0		103	61.4-130	4	50
Tert-amyl methyl ether	17.4		µg/kg wet		20.0		87	70-130	0.3	25
Ethyl tert-butyl ether	19.6		µg/kg wet		20.0		98	70-130	0.2	25
Di-isopropyl ether	21.5		µg/kg wet		20.0		107	70-130	2	25
Tert-Butanol / butyl alcohol	133	QC1	µg/kg wet		200		67	70-130	15	25
1,4-Dioxane	141		µg/kg wet		200		70	48.3-142	18	25
trans-1,4-Dichloro-2-butene	15.2		µg/kg wet		20.0		76	70-130	8	25
Ethanol	244	QC1	µg/kg wet		400		61	70-130	23	30
Surrogate: 4-Bromofluorobenzene	*46.3*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: Toluene-d8	*47.1*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.2*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*48.1*		µg/kg wet		*50.0*		*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 8121213 - SW846 5030 Water MS										
Blank (8121213-BLK1)										
Prepared & Analyzed: 15-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 8121213 - SW846 5030 Water MS										
Blank (8121213-BLK1)										
Prepared & Analyzed: 15-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	5.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0						
Ethanol	BRL		µg/l	400						
Surrogate: 4-Bromofluorobenzene	*48.1*		µg/l		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*51.7*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.8*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*53.9*		µg/l		*50.0*		*108*	*70-130*		
LCS (8121213-BS1)										
Prepared & Analyzed: 15-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.8		µg/l		20.0		104	70-130		
Acetone	19.3		µg/l		20.0		97	31.7-144		
Acrylonitrile	20.5		µg/l		20.0		102	70-130		
Benzene	21.2		µg/l		20.0		106	70-130		
Bromobenzene	20.8		µg/l		20.0		104	70-130		
Bromochloromethane	21.5		µg/l		20.0		108	70-130		
Bromodichloromethane	21.7		µg/l		20.0		108	70-130		
Bromoform	18.1		µg/l		20.0		91	70-130		
Bromomethane	23.1		µg/l		20.0		116	43-158		
2-Butanone (MEK)	19.5		µg/l		20.0		98	54.5-137		
n-Butylbenzene	20.0		µg/l		20.0		100	70-130		
sec-Butylbenzene	21.0		µg/l		20.0		105	70-130		
tert-Butylbenzene	21.4		µg/l		20.0		107	70-130		
Carbon disulfide	23.4		µg/l		20.0		117	70-130		
Carbon tetrachloride	25.0		µg/l		20.0		125	70-130		
Chlorobenzene	20.0		µg/l		20.0		100	70-130		
Chloroethane	22.6		µg/l		20.0		113	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 8121213 - SW846 5030 Water MS										
LCS (8121213-BS1)										
Prepared & Analyzed: 15-Dec-08										
Chloroform	21.1		µg/l		20.0		105	70-130		
Chloromethane	22.0		µg/l		20.0		110	70-130		
2-Chlorotoluene	20.2		µg/l		20.0		101	70-130		
4-Chlorotoluene	19.8		µg/l		20.0		99	70-130		
1,2-Dibromo-3-chloropropane	19.3		µg/l		20.0		96	70-130		
Dibromochloromethane	20.0		µg/l		20.0		100	66.2-145		
1,2-Dibromoethane (EDB)	20.7		µg/l		20.0		104	70-130		
Dibromomethane	21.3		µg/l		20.0		107	70-130		
1,2-Dichlorobenzene	20.5		µg/l		20.0		102	70-130		
1,3-Dichlorobenzene	20.4		µg/l		20.0		102	70-130		
1,4-Dichlorobenzene	19.5		µg/l		20.0		98	70-130		
Dichlorodifluoromethane (Freon12)	21.4		µg/l		20.0		107	46.9-168		
1,1-Dichloroethane	20.8		µg/l		20.0		104	70-130		
1,2-Dichloroethane	21.5		µg/l		20.0		107	70-130		
1,1-Dichloroethene	22.2		µg/l		20.0		111	70-130		
cis-1,2-Dichloroethene	19.5		µg/l		20.0		98	70-130		
trans-1,2-Dichloroethene	21.4		µg/l		20.0		107	70-130		
1,2-Dichloropropane	20.3		µg/l		20.0		101	70-130		
1,3-Dichloropropane	20.6		µg/l		20.0		103	70-130		
2,2-Dichloropropane	22.2		µg/l		20.0		111	70-130		
1,1-Dichloropropene	21.2		µg/l		20.0		106	70-130		
cis-1,3-Dichloropropene	19.7		µg/l		20.0		99	70-130		
trans-1,3-Dichloropropene	19.1		µg/l		20.0		96	70-130		
Ethylbenzene	21.1		µg/l		20.0		106	70-130		
Hexachlorobutadiene	26.8		µg/l		20.0		134	70-135		
2-Hexanone (MBK)	17.9		µg/l		20.0		90	70-130		
Isopropylbenzene	21.7		µg/l		20.0		108	70-130		
4-Isopropyltoluene	19.8		µg/l		20.0		99	70-130		
Methyl tert-butyl ether	20.9		µg/l		20.0		105	70-130		
4-Methyl-2-pentanone (MIBK)	16.6		µg/l		20.0		83	57.6-130		
Methylene chloride	21.2		µg/l		20.0		106	70-130		
Naphthalene	27.2	QC1	µg/l		20.0		136	70-130		
n-Propylbenzene	21.5		µg/l		20.0		107	70-130		
Styrene	20.7		µg/l		20.0		103	70-130		
1,1,1,2-Tetrachloroethane	22.0		µg/l		20.0		110	70-130		
1,1,2,2-Tetrachloroethane	19.5		µg/l		20.0		97	70-130		
Tetrachloroethene	22.6		µg/l		20.0		113	70-130		
Toluene	20.6		µg/l		20.0		103	70-130		
1,2,3-Trichlorobenzene	27.9	QC1	µg/l		20.0		139	70-130		
1,2,4-Trichlorobenzene	26.7	QC1	µg/l		20.0		133	70-130		
1,3,5-Trichlorobenzene	23.4		µg/l		20.0		117	70-130		
1,1,1-Trichloroethane	21.6		µg/l		20.0		108	70-130		
1,1,2-Trichloroethane	20.3		µg/l		20.0		102	70-130		
Trichloroethene	20.4		µg/l		20.0		102	70-130		
Trichlorofluoromethane (Freon 11)	24.2		µg/l		20.0		121	64.9-147		
1,2,3-Trichloropropane	17.2		µg/l		20.0		86	70-130		
1,2,4-Trimethylbenzene	20.6		µg/l		20.0		103	70-130		
1,3,5-Trimethylbenzene	20.6		µg/l		20.0		103	70-130		
Vinyl chloride	22.3		µg/l		20.0		111	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121213 - SW846 5030 Water MS										
LCS (8121213-BS1)										
Prepared & Analyzed: 15-Dec-08										
m,p-Xylene	41.3		µg/l		40.0		103	70-130		
o-Xylene	20.1		µg/l		20.0		100	70-130		
Tetrahydrofuran	21.0		µg/l		20.0		105	70-130		
Ethyl ether	21.3		µg/l		20.0		107	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	21.6		µg/l		20.0		108	70-130		
Tert-Butanol / butyl alcohol	188		µg/l		200		94	70-130		
1,4-Dioxane	169		µg/l		200		84	53.8-137		
trans-1,4-Dichloro-2-butene	15.6		µg/l		20.0		78	70-130		
Ethanol	382		µg/l		400		95	70-130		
Surrogate: 4-Bromofluorobenzene	*49.0*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*51.7*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.4*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*52.7*		µg/l		*50.0*		*105*	*70-130*		
LCS Dup (8121213-BSD1)										
Prepared & Analyzed: 15-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.2		µg/l		20.0		96	70-130	8	25
Acetone	18.6		µg/l		20.0		93	31.7-144	4	50
Acrylonitrile	20.3		µg/l		20.0		102	70-130	0.8	25
Benzene	20.0		µg/l		20.0		100	70-130	6	25
Bromobenzene	21.2		µg/l		20.0		106	70-130	2	25
Bromochloromethane	21.0		µg/l		20.0		105	70-130	2	25
Bromodichloromethane	21.2		µg/l		20.0		106	70-130	2	25
Bromoform	18.6		µg/l		20.0		93	70-130	3	25
Bromomethane	21.0		µg/l		20.0		105	43-158	10	50
2-Butanone (MEK)	20.2		µg/l		20.0		101	54.5-137	3	50
n-Butylbenzene	19.2		µg/l		20.0		96	70-130	4	25
sec-Butylbenzene	21.1		µg/l		20.0		105	70-130	0.3	25
tert-Butylbenzene	21.4		µg/l		20.0		107	70-130	0.1	25
Carbon disulfide	21.0		µg/l		20.0		105	70-130	11	25
Carbon tetrachloride	23.3		µg/l		20.0		117	70-130	7	25
Chlorobenzene	20.1		µg/l		20.0		100	70-130	0.4	25
Chloroethane	21.1		µg/l		20.0		106	60.1-131	7	50
Chloroform	20.5		µg/l		20.0		102	70-130	3	25
Chloromethane	19.2		µg/l		20.0		96	70-130	13	25
2-Chlorotoluene	20.6		µg/l		20.0		103	70-130	2	25
4-Chlorotoluene	21.8		µg/l		20.0		109	70-130	10	25
1,2-Dibromo-3-chloropropane	19.1		µg/l		20.0		95	70-130	1	25
Dibromochloromethane	19.3		µg/l		20.0		97	66.2-145	3	50
1,2-Dibromoethane (EDB)	20.7		µg/l		20.0		103	70-130	0.2	25
Dibromomethane	20.3		µg/l		20.0		101	70-130	5	25
1,2-Dichlorobenzene	19.6		µg/l		20.0		98	70-130	5	25
1,3-Dichlorobenzene	20.8		µg/l		20.0		104	70-130	2	25
1,4-Dichlorobenzene	17.9		µg/l		20.0		89	70-130	9	25
Dichlorodifluoromethane (Freon12)	19.6		µg/l		20.0		98	46.9-168	9	50
1,1-Dichloroethane	20.2		µg/l		20.0		101	70-130	3	25
1,2-Dichloroethane	21.2		µg/l		20.0		106	70-130	1	25
1,1-Dichloroethene	20.6		µg/l		20.0		103	70-130	7	25
cis-1,2-Dichloroethene	19.0		µg/l		20.0		95	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 8121213 - SW846 5030 Water MS										
LCS Dup (8121213-BSD1)										
Prepared & Analyzed: 15-Dec-08										
trans-1,2-Dichloroethene	20.4		µg/l		20.0		102	70-130	5	25
1,2-Dichloropropane	20.0		µg/l		20.0		100	70-130	1	25
1,3-Dichloropropane	20.0		µg/l		20.0		100	70-130	3	25
2,2-Dichloropropane	20.4		µg/l		20.0		102	70-130	8	25
1,1-Dichloropropene	19.7		µg/l		20.0		99	70-130	7	25
cis-1,3-Dichloropropene	19.4		µg/l		20.0		97	70-130	2	25
trans-1,3-Dichloropropene	18.2		µg/l		20.0		91	70-130	5	25
Ethylbenzene	21.1		µg/l		20.0		105	70-130	0.09	25
Hexachlorobutadiene	21.3		µg/l		20.0		106	70-135	23	50
2-Hexanone (MBK)	18.7		µg/l		20.0		94	70-130	5	25
Isopropylbenzene	21.7		µg/l		20.0		109	70-130	0.2	25
4-Isopropyltoluene	18.8		µg/l		20.0		94	70-130	5	25
Methyl tert-butyl ether	20.9		µg/l		20.0		105	70-130	0	25
4-Methyl-2-pentanone (MIBK)	17.4		µg/l		20.0		87	57.6-130	5	50
Methylene chloride	20.1		µg/l		20.0		100	70-130	5	25
Naphthalene	23.0		µg/l		20.0		115	70-130	17	25
n-Propylbenzene	21.3		µg/l		20.0		106	70-130	0.8	25
Styrene	21.1		µg/l		20.0		106	70-130	2	25
1,1,1,2-Tetrachloroethane	22.8		µg/l		20.0		114	70-130	3	25
1,1,2,2-Tetrachloroethane	20.5		µg/l		20.0		102	70-130	5	25
Tetrachloroethene	20.8		µg/l		20.0		104	70-130	8	25
Toluene	19.9		µg/l		20.0		100	70-130	4	25
1,2,3-Trichlorobenzene	23.2		µg/l		20.0		116	70-130	19	25
1,2,4-Trichlorobenzene	22.9		µg/l		20.0		114	70-130	15	25
1,3,5-Trichlorobenzene	21.4		µg/l		20.0		107	70-130	9	25
1,1,1-Trichloroethane	20.6		µg/l		20.0		103	70-130	5	25
1,1,2-Trichloroethane	20.2		µg/l		20.0		101	70-130	0.2	25
Trichloroethene	19.0		µg/l		20.0		95	70-130	7	25
Trichlorofluoromethane (Freon 11)	22.5		µg/l		20.0		112	64.9-147	7	50
1,2,3-Trichloropropane	18.6		µg/l		20.0		93	70-130	8	25
1,2,4-Trimethylbenzene	20.9		µg/l		20.0		104	70-130	2	25
1,3,5-Trimethylbenzene	21.1		µg/l		20.0		105	70-130	2	25
Vinyl chloride	20.4		µg/l		20.0		102	70-130	9	25
m,p-Xylene	41.8		µg/l		40.0		104	70-130	1	25
o-Xylene	20.0		µg/l		20.0		100	70-130	0.4	25
Tetrahydrofuran	20.8		µg/l		20.0		104	70-130	0.8	25
Ethyl ether	21.8		µg/l		20.0		109	70-130	2	50
Tert-amyl methyl ether	19.2		µg/l		20.0		96	70-130	0.3	25
Ethyl tert-butyl ether	20.0		µg/l		20.0		100	70-130	1	25
Di-isopropyl ether	21.4		µg/l		20.0		107	70-130	0.9	25
Tert-Butanol / butyl alcohol	193		µg/l		200		96	70-130	3	25
1,4-Dioxane	173		µg/l		200		86	53.8-137	2	25
trans-1,4-Dichloro-2-butene	15.2		µg/l		20.0		76	70-130	2	25
Ethanol	361		µg/l		400		90	70-130	6	30
Surrogate: 4-Bromofluorobenzene	*51.8*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.4*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*52.3*		µg/l		*50.0*		*105*	*70-130*		
Matrix Spike (8121213-MS1)	**Source: SA88756-03**									
Prepared & Analyzed: 15-Dec-08										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121213 - SW846 5030 Water MS										
Matrix Spike (8121213-MS1)	**Source: SA88756-03**									
Prepared & Analyzed: 15-Dec-08										
Benzene	19.4		µg/l		20.0	BRL	97	70-130		
Chlorobenzene	19.9		µg/l		20.0	BRL	99	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	23.0		µg/l		20.0	3.2	99	70-130		
Surrogate: 4-Bromofluorobenzene	*46.6*		µg/l		*50.0*		*93*	*70-130*		
Surrogate: Toluene-d8	*52.0*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.3*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Matrix Spike Dup (8121213-MSD1)	**Source: SA88756-03**									
Prepared & Analyzed: 15-Dec-08										
Benzene	18.3		µg/l		20.0	BRL	92	70-130	6	30
Chlorobenzene	18.9		µg/l		20.0	BRL	95	70-130	5	30
1,1-Dichloroethene	22.4		µg/l		20.0	BRL	112	70-130	3	30
Toluene	19.6		µg/l		20.0	BRL	98	70-130	5	30
Trichloroethene	21.6		µg/l		20.0	3.2	92	70-130	7	30
Surrogate: 4-Bromofluorobenzene	*47.6*		µg/l		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*51.8*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*50.8*		µg/l		*50.0*		*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 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-d14	*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-dl4	*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
1-Methylnaphthalene	BRL		µg/kg dry	418		BRL				50
Isophorone	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						
Chromium	BRL		mg/kg wet	0.987						
Cadmium	BRL		mg/kg wet	0.494						
Arsenic	BRL		mg/kg wet	1.48						
Silver	BRL		mg/kg wet	1.48						
Barium	BRL		mg/kg wet	0.987						
Duplicate (8120896-DUP1) **Source: SA88551-02**										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
Lead	92.7		mg/kg dry	1.87		91.5			1	20
Selenium	1.44	J	mg/kg dry	1.87		1.58			9	20
Chromium	12.8	QR6	mg/kg dry	1.25		8.75			37	20
Cadmium	0.723		mg/kg dry	0.624		0.756			4	20
Arsenic	75.8		mg/kg dry	1.87		72.5			4	20
Silver	BRL		mg/kg dry	1.87		BRL				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		
Cadmium	149		mg/kg dry	0.563	141	0.325	106	75-125		
Chromium	183		mg/kg dry	1.13	141	7.17	125	75-125		
Silver	144		mg/kg dry	1.69	141	BRL	102	75-125		
Arsenic	147		mg/kg dry	1.69	141	3.88	102	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										
Lead	222		mg/kg dry	1.74	145	57.5	114	75-125	3	20
Selenium	148		mg/kg dry	1.74	145	1.23	101	75-125	3	20
Arsenic	149		mg/kg dry	1.74	145	3.88	100	75-125	2	20
Silver	145		mg/kg dry	1.74	145	BRL	100	75-125	1	20
Chromium	158		mg/kg dry	1.16	145	7.17	104	75-125	15	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		
Silver	142		mg/kg dry	1.71	142	BRL	100	80-120		
Cadmium	150		mg/kg dry	0.569	142	0.325	105	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										
Chromium	69.7		mg/kg wet	1.00	69.6		100	81.9-118.1		
Silver	30.8		mg/kg wet	1.50	31.5		98	66.2-133.7		
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		
Barium	125		mg/kg wet	1.00	129		96	80.5-119.5		
Reference (8120896-SRM2)										
Prepared: 16-Dec-08 Analyzed: 18-Dec-08										
Lead	67.9		mg/kg wet	1.50	69.5		98	80.9-119.9		
Selenium	104		mg/kg wet	1.50	102		102	79.9-119.6		
Chromium	72.4		mg/kg wet	1.00	70.6		103	81.9-118.1		
Arsenic	62.0		mg/kg wet	1.50	62.9		99	82.9-117.1		
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		
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		

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						
Barium	BRL		mg/l	0.0700						
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		
Barium	2.50		mg/l	0.0100	2.50		100	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
Barium	2.41		mg/l	0.0100	2.50		97	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
Arsenic	BRL		mg/l	0.0080		BRL				20
Barium	0.0087	J	mg/l	0.0700		0.0106			20	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		
Arsenic	2.46		mg/l	0.0080	2.50	BRL	98	75-125		
Barium	2.42		mg/l	0.0700	2.50	0.0106	96	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
Barium	2.40		mg/l	0.0700	2.50	0.0106	96	75-125	0.7	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		
Arsenic	2.45		mg/l	0.0080	2.50	BRL	98	75-125		
Barium	2.43		mg/l	0.0700	2.50	0.0106	97	75-125		

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: SA88558-04**										
Prepared & Analyzed: 11-Dec-08										
% Solids	95.0		%			95.4			0.5	20

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

* Reportable Detection Limit BRL = Below Reporting Limit

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.
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.
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 - Newington, CT	**Project Number:**	127-17797-08009
Sampling Date(s):	05-Dec-08	**Laboratory Sample ID(s):**	SA88551-01 through SA88551-03

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

SPECTRUM ANALYTICAL, INC.
Powering
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: Tetratech Bizzo
150 Trumbull St 4th floor
Hartford, CT 06103

Project Mgr.: David Brassard

Invoice To: DAS # 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08009
Site Name: Hartford Busway
Location: West Hartford State: CT
Sampler(s): Patrick de Paula

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Herbicides 8151	Total RCRA 8 Metals	SPLP RCRA 8 Metals	Total RCRA 8 Metals
488551-01	Trip Blank	12/5/08	800	G	X1	E	3				X							
02	RSB-A47	↓	815	↓	SO	7	3	2			X	X	X	X	X	X		X
03	RSB-A48	↓	845	↓	SO	7	3	2			X	X	X	X	X	X		X

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

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

State specific reporting standards: CT

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

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 5.1

Relinquished by:	Received by:	Date:	Time:
Patrick dePaula	[signature]	12-8-08	1321
[signature]	[signature]	12-8-08	1524

SA88551 Ck

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: Tetratech Rizzo
150 Trumbull St 4th floor
Hartford, CT 06103

Project Mgr.: David Brassard

Invoice To: DAS # 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08009
Site Name: Hartford Busway
Location: West Hartford State: CT
Sampler(s): Patrick de Paula

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

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Water 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	Total RCRA 8 metals	SPLP Pb, Pb, Pb
SA88551-01	Trip Blank	12/5/08	800	G	X1	2	3					X								
02	RSB-A47	↓	815	↓	SO	7	3	2				X	X	X	X	X	X		X	X
03	RSB-A48	↓	845	↓	SO	7	3	2				X	X	X	X	X	X		X	

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report
QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____
State specific reporting standards: CT

EDDED ANALYSIS 12/23/08
see attached

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

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C S.V

Relinquished by:	Received by:	Date:	Time:
Patrick dePaula	[signature]	12-8-08	1321
[signature]	Michael [signature]	12-8-08	1524

Report Date:
03-Feb-09 16:44

☑ 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 127-17797-08011

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA90344-01	RSB-D19	Soil	23-Jan-09 08:30	27-Jan-09 15:15
SA90344-02	RSB-D20	Soil	23-Jan-09 09:00	27-Jan-09 15:15
SA90344-03	RSB-D21	Soil	23-Jan-09 09:30	27-Jan-09 15:15
SA90344-04	RSB-D16	Soil	23-Jan-09 10:50	27-Jan-09 15:15
SA90344-05	RSB-A50	Soil	23-Jan-09 13:13	27-Jan-09 15:15

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

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 55 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 6.0 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:

9011820-MS1 *Source: SA90344-01*

The spike recovery for this QC sample is outside the established control limits. The sample results for the QC batch were accepted based on LCS or SRM recoveries within the control limits.

Barium

Duplicates:

9011820-DUP1 *Source: SA90325-13*

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.

Arsenic

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

Cadmium
Lead

SW846 7471A

Duplicates:

9011823-DUP1 *Source: SA90325-13*

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

SW846 8260B

Laboratory Control Samples:

9011897-BS1

Analyte out of acceptance range.

2-Hexanone (MBK)
Tert-Butanol / butyl alcohol

9011897-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.

Ethanol

9020047-BS1

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

1,2-Dibromo-3-chloropropane
2,2-Dichloropropane
Ethyl tert-butyl ether
trans-1,3-Dichloropropene

Analyte out of acceptance range.

1,1,2-Trichlorotrifluoroethane (Freon 113)
Tert-amyl methyl ether

9020047-BSD1

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

1,2-Dibromo-3-chloropropane
2,2-Dichloropropane
Ethyl tert-butyl ether
trans-1,3-Dichloropropene

Spikes:

9020047-MSD1 *Source: SA90344-01RE1*

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

1,1-Dichloroethene

Samples:

SA90344-04 *RSB-D16*

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:

9012003-BS1

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

Aniline

SW846 8270C

Samples:

SA90344-03 *RSB-D21*

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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D19 SA90344-01	127-17797-08011	Soil	23-Jan-09 08:30	27-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	28-Jan-09	28-Jan-09	9011833	
Volatile Organic Compounds					Initial weight: 5.94 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	29-Jan-09	29-Jan-09	9011897	X
67-64-1	Acetone	BRL		µg/kg dry	51.6	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	10.3	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	51.6	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	25.8	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	10.3	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.3	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	10.3	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)	3,520	E	µg/kg dry	10.3	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	51.6	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	51.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	51.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.2	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D19	127-17797-08011	Soil	23-Jan-09 08:30	27-Jan-09
SA90344-01				

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: 5.94 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.2	1	SW846 8260B	29-Jan-09	29-Jan-09	9011897	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	10.3	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	51.6	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	51.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	103	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	25.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2060	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*	*119*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	
Re-analysis of Volatile Organic Compounds											
75-71-8	Dichlorodifluoromethane (Freon12)	775		µg/kg dry	114	50	SW846 8260B	02-Feb-09	02-Feb-09	9020047	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*107*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*101*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*100*		*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	358	1	SW846 8270C	30-Jan-09	01-Feb-09	9012003	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	358	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	358	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	358	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	358	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	358	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	358	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D19	127-17797-08011	Soil	23-Jan-09 08:30	27-Jan-09
SA90344-01				

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											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	358	1	SW846 8270C	30-Jan-09	01-Feb-09	9012003	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	358	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	358	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	358	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	358	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	358	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	358	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	358	1	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	358	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	358	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	358	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	358	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	358	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	358	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	358	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	358	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	358	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	358	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	358	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	358	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	358	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	358	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	358	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	358	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	358	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	358	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	358	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	358	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	358	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	358	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	358	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	358	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	358	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	358	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	358	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	358	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	358	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	358	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	358	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	358	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	358	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	358	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	358	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	358	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	358	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	358	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D19	127-17797-08011	Soil	23-Jan-09 08:30	27-Jan-09
SA90344-01				

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											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	358	1	SW846 8270C	30-Jan-09	01-Feb-09	9012003	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1430	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	358	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	358	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1430	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	358	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	358	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	358	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	358	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	358	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	358	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	358	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	358	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	358	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	358	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	358	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*60*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*65*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*55*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*58*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*58*		*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	21.5	1	SW846 8082	30-Jan-09	01-Feb-09	9012042	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.5	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.5	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.5	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.5	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.5	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.5	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.5	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.5	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*53*		*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	02-Feb-09	03-Feb-09	9020015	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-D19 SA90344-01	127-17797-08011	Soil	23-Jan-09 08:30	27-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	02-Feb-09	03-Feb-09	9020015	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											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.4	1	+CT ETPH	30-Jan-09	02-Feb-09	9012000	
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*	*79*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.57	1	SW846 6010B	28-Jan-09	29-Jan-09	9011820	X
7440-38-2	Arsenic	2.44		mg/kg dry	1.57	1	"	"	"	"	X
7440-39-3	Barium	225		mg/kg dry	1.04	1	"	"	"	"	X
7440-43-9	Cadmium	0.522		mg/kg dry	0.522	1	"	"	"	"	X
7440-47-3	Chromium	16.9		mg/kg dry	1.04	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0303	1	SW846 7471A	"	29-Jan-09	9011823	X
7439-92-1	Lead	8.96		mg/kg dry	1.57	1	SW846 6010B	"	29-Jan-09	9011820	X
7782-49-2	Selenium	BRL		mg/kg dry	1.57	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	90.7		%		1	SM2540 G Mod.	28-Jan-09	28-Jan-09	9011836	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D20	127-17797-08011	Soil	23-Jan-09 09:00	27-Jan-09
SA90344-02				

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	28-Jan-09	28-Jan-09	9011833	
Volatile Organic Compounds						Initial weight: 5.55 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.6	1	SW846 8260B	29-Jan-09	29-Jan-09	9011897	X
67-64-1	Acetone	BRL		µg/kg dry	56.4	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.6	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.3	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	56.4	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.3	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.3	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.6	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	5.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	6,240	E	µg/kg dry	11.3	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	56.4	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	56.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	56.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D20 SA90344-02	127-17797-08011	Soil	23-Jan-09 09:00	27-Jan-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds					Initial weight: 5.55 g						
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.6	1	SW846 8260B	29-Jan-09	29-Jan-09	9011897	X
100-42-5	Styrene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.6	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.6	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	5.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	56.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	56.4	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	28.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2260	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*	*121*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	
Re-analysis of Volatile Organic Compounds											
75-71-8	Dichlorodifluoromethane (Freon12)	2,780		µg/kg dry	121	50	SW846 8260B	02-Feb-09	02-Feb-09	9020047	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*106*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*102*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*99*		*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	30-Jan-09	01-Feb-09	9012003	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D20	127-17797-08011	Soil	23-Jan-09 09:00	27-Jan-09
SA90344-02				

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											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	369	1	SW846 8270C	30-Jan-09	01-Feb-09	9012003	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
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	369	1	"	"	"	"	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D20 SA90344-02	127-17797-08011	Soil	23-Jan-09 09:00	27-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	369	1	SW846 8270C	30-Jan-09	01-Feb-09	9012003	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1470	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	1470	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
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	369	1	"	"	"	"	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*	*64*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*59*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*61*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*51*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*57*		*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	21.1	1	SW846 8082	30-Jan-09	01-Feb-09	9012042	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)*	*91*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*53*		*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	02-Feb-09	03-Feb-09	9020015	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-D20	127-17797-08011	Soil	23-Jan-09 09:00	27-Jan-09
SA90344-02				

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	02-Feb-09	03-Feb-09	9020015	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)*	*77*		*30-150 %*			"	"	"	"	
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	30-Jan-09	02-Feb-09	9012000	
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*	*78*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.53	1	SW846 6010B	28-Jan-09	29-Jan-09	9011820	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.53	1	"	"	"	"	X
7440-39-3	Barium	115		mg/kg dry	1.02	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.509	1	"	"	"	"	X
7440-47-3	Chromium	17.0		mg/kg dry	1.02	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0327	1	SW846 7471A	"	29-Jan-09	9011823	X
7439-92-1	Lead	8.16		mg/kg dry	1.53	1	SW846 6010B	"	29-Jan-09	9011820	X
7782-49-2	Selenium	BRL		mg/kg dry	1.53	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	89.3		%		1	SM2540 G Mod.	28-Jan-09	28-Jan-09	9011835	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D21 SA90344-03	127-17797-08011	Soil	23-Jan-09 09:30	27-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	28-Jan-09	28-Jan-09	9011833	
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	29-Jan-09	29-Jan-09	9011897	X
67-64-1	Acetone	BRL		µg/kg dry	50.8	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	50.8	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	25.4	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)	4,260	E	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	50.8	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	50.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	50.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.1	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D21	127-17797-08011	Soil	23-Jan-09 09:30	27-Jan-09
SA90344-03				

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: 5.63 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.1	1	SW846 8260B	29-Jan-09	29-Jan-09	9011897	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	50.8	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	50.8	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	25.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2030	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*83*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*123*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	
Re-analysis of Volatile Organic Compounds											
75-71-8	Dichlorodifluoromethane (Freon12)	461		µg/kg dry	108	50	SW846 8260B	02-Feb-09	02-Feb-09	9020047	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*105*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*98*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	702	2	SW846 8270C	30-Jan-09	01-Feb-09	9012003	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	702	2	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	702	2	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	702	2	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	702	2	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	702	2	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	702	2	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D21 SA90344-03	127-17797-08011	Soil	23-Jan-09 09:30	27-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			R05								
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	702	2	SW846 8270C	30-Jan-09	01-Feb-09	9012003	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	702	2	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	702	2	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	702	2	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	702	2	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	702	2	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	702	2	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	702	2	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	702	2	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	702	2	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	702	2	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	702	2	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	702	2	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	702	2	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	702	2	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	702	2	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	702	2	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	702	2	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	702	2	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	702	2	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	702	2	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	702	2	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	702	2	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	702	2	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	702	2	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	702	2	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	702	2	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	702	2	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	702	2	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	702	2	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	702	2	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	702	2	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	702	2	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	702	2	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	702	2	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	702	2	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	702	2	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	702	2	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	702	2	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	702	2	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	702	2	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	702	2	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	702	2	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	702	2	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	702	2	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	702	2	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	702	2	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	702	2	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	702	2	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	702	2	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D21	127-17797-08011	Soil	23-Jan-09 09:30	27-Jan-09
SA90344-03				

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			R05								
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	702	2	SW846 8270C	30-Jan-09	01-Feb-09	9012003	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2810	2	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	702	2	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	702	2	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2810	2	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	702	2	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	702	2	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	702	2	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	702	2	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	702	2	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	702	2	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	702	2	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	702	2	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	702	2	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	702	2	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	702	2	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	702	2	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	702	2	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*75*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*65*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*69*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*78*		*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 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.3	1	SW846 8082	30-Jan-09	01-Feb-09	9012042	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)*	*91*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*54*		*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	02-Feb-09	03-Feb-09	9020015	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-D21	127-17797-08011	Soil	23-Jan-09 09:30	27-Jan-09
SA90344-03				

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	02-Feb-09	03-Feb-09	9020015	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)*	*89*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.3	2	+CT ETPH	30-Jan-09	02-Feb-09	9012000	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.3	2	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.3	2	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.3	2	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	28.3	2	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	28.3	2	"	"	"	"	
	Unidentified	217		mg/kg dry	28.3	2	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	28.3	2	"	"	"	"	
	Total Petroleum Hydrocarbons	217		mg/kg dry	28.3	2	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	217		mg/kg dry	28.3	2	"	"	"	"	
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	1.58	1	SW846 6010B	28-Jan-09	29-Jan-09	9011820	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.58	1	"	"	"	"	X
7440-39-3	Barium	79.2		mg/kg dry	1.05	1	"	"	"	"	X
7440-43-9	Cadmium	0.542		mg/kg dry	0.526	1	"	"	"	"	X
7440-47-3	Chromium	15.0		mg/kg dry	1.05	1	"	"	"	"	X
7439-97-6	Mercury	0.0301		mg/kg dry	0.0299	1	SW846 7471A	"	29-Jan-09	9011823	X
7439-92-1	Lead	15.1		mg/kg dry	1.58	1	SW846 6010B	"	29-Jan-09	9011820	X
7782-49-2	Selenium	BRL		mg/kg dry	1.58	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	93.6		%		1	SM2540 G Mod.	28-Jan-09	28-Jan-09	9011835	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D16 SA90344-04	127-17797-08011	Soil	23-Jan-09 10:50	27-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	28-Jan-09	28-Jan-09	9011833	
Volatile Organic Compounds			VC10			Initial weight: 6.32 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.9	1	SW846 8260B	29-Jan-09	29-Jan-09	9011897	X
67-64-1	Acetone	BRL		µg/kg dry	48.8	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	48.8	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	24.4	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)	2,690	E	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	48.8	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	48.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	48.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.9	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D16	127-17797-08011	Soil	23-Jan-09 10:50	27-Jan-09
SA90344-04				

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: 6.32 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.9	1	SW846 8260B	29-Jan-09	29-Jan-09	9011897	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	48.8	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	48.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	97.6	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	24.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1950	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*	*122*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	
Re-analysis of Volatile Organic Compounds											
75-71-8	Dichlorodifluoromethane (Freon12)	254		µg/kg dry	221	100	SW846 8260B	02-Feb-09	02-Feb-09	9020047	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*109*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*104*		*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	356	1	SW846 8270C	30-Jan-09	01-Feb-09	9012003	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D16	127-17797-08011	Soil	23-Jan-09 10:50	27-Jan-09
SA90344-04				

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											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	356	1	SW846 8270C	30-Jan-09	01-Feb-09	9012003	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
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	356	1	"	"	"	"	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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-D16 SA90344-04	127-17797-08011	Soil	23-Jan-09 10:50	27-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	356	1	SW846 8270C	30-Jan-09	01-Feb-09	9012003	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
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	356	1	"	"	"	"	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*	*83*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*78*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*81*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*69*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*75*		*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	21.8	1	SW846 8082	30-Jan-09	01-Feb-09	9012042	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)*	*96*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*54*		*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	02-Feb-09	03-Feb-09	9020015	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-D16	127-17797-08011	Soil	23-Jan-09 10:50	27-Jan-09
SA90344-04				

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	02-Feb-09	03-Feb-09	9020015	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											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.3	1	+CT ETPH	30-Jan-09	02-Feb-09	9012000	
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*	*90*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.48	1	SW846 6010B	28-Jan-09	29-Jan-09	9011820	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.48	1	"	"	"	"	X
7440-39-3	Barium	144		mg/kg dry	0.984	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.492	1	"	"	"	"	X
7440-47-3	Chromium	24.4		mg/kg dry	0.984	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0326	1	SW846 7471A	"	29-Jan-09	9011823	X
7439-92-1	Lead	9.52		mg/kg dry	1.48	1	SW846 6010B	"	29-Jan-09	9011820	X
7782-49-2	Selenium	BRL		mg/kg dry	1.48	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	90.6		%		1	SM2540 G Mod.	28-Jan-09	28-Jan-09	9011835	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A50 SA90344-05	127-17797-08011	Soil	23-Jan-09 13:13	27-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	28-Jan-09	28-Jan-09	9011833	
Volatile Organic Compounds						Initial weight: 5.32 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	29-Jan-09	29-Jan-09	9011897	X
67-64-1	Acetone	BRL		µg/kg dry	68.1	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	68.1	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	34.1	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)	1,640	E	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	68.1	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	68.1	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	68.1	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.8	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A50 SA90344-05	127-17797-08011	Soil	23-Jan-09 13:13	27-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: 5.32 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.8	1	SW846 8260B	29-Jan-09	29-Jan-09	9011897	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	68.1	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	68.1	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	34.1	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2730	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*83*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	
Re-analysis of Volatile Organic Compounds											
75-71-8	Dichlorodifluoromethane (Freon12)	256		µg/kg dry	138	50	SW846 8260B	02-Feb-09	02-Feb-09	9020047	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*106*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*98*		*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	396	1	SW846 8270C	30-Jan-09	01-Feb-09	9012003	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	396	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	396	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	396	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	396	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	396	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	396	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A50 SA90344-05	127-17797-08011	Soil	23-Jan-09 13:13	27-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	BRL		µg/kg dry	396	1	SW846 8270C	30-Jan-09	01-Feb-09	9012003	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	396	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	396	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	396	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	396	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	396	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	396	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	396	1	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	396	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	396	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	396	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	396	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	396	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	396	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	396	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	396	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	396	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	396	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	396	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	396	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	396	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	396	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	396	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	396	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	396	1	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	396	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	396	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	396	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	396	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	396	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	396	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	396	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	396	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	396	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	396	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	396	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	396	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	396	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	396	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	396	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	396	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	396	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	396	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	396	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	396	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	396	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	396	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	396	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	396	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	396	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-A50	127-17797-08011	Soil	23-Jan-09 13:13	27-Jan-09
SA90344-05				

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											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	396	1	SW846 8270C	30-Jan-09	01-Feb-09	9012003	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1580	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	396	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	396	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1580	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	396	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	396	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	396	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	396	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	396	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	396	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	396	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	396	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	396	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	396	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	396	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	396	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	396	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*76*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*68*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*72*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*76*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*68*		*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	23.2	1	SW846 8082	30-Jan-09	01-Feb-09	9012042	X
11104-28-2	PCB 1221	BRL		µg/kg dry	23.2	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	23.2	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	23.2	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	23.2	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	23.2	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	23.2	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	23.2	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	23.2	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*87*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*49*		*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	02-Feb-09	03-Feb-09	9020015	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-A50 SA90344-05	127-17797-08011	Soil	23-Jan-09 13:13	27-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	02-Feb-09	03-Feb-09	9020015	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)*	*59*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.9	1	+CT ETPH	30-Jan-09	02-Feb-09	9012000	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.9	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.9	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.9	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.9	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.9	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.9	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.9	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.9	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.9	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	1.72	1	SW846 6010B	28-Jan-09	29-Jan-09	9011820	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.72	1	"	"	"	"	X
7440-39-3	Barium	71.6		mg/kg dry	1.14	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.572	1	"	"	"	"	X
7440-47-3	Chromium	17.0		mg/kg dry	1.14	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0328	1	SW846 7471A	"	29-Jan-09	9011823	X
7439-92-1	Lead	16.6		mg/kg dry	1.72	1	SW846 6010B	"	29-Jan-09	9011820	X
7782-49-2	Selenium	BRL		mg/kg dry	1.72	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	82.1		%		1	SM2540 G Mod.	28-Jan-09	28-Jan-09	9011835	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011897 - SW846 5035A Soil (low level)										
Blank (9011897-BLK1)										
Prepared & Analyzed: 29-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 9011897 - SW846 5035A Soil (low level)										
Blank (9011897-BLK1)										
Prepared & Analyzed: 29-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	*42.9*		µg/kg wet		*50.0*		*86*	*70-130*		
Surrogate: Toluene-d8	*47.0*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*60.8*		µg/kg wet		*50.0*		*122*	*70-130*		
Surrogate: Dibromofluoromethane	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
LCS (9011897-BS1)										
Prepared & Analyzed: 29-Jan-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.7		µg/kg wet		20.0		113	70-130		
Acetone	8.4		µg/kg wet		20.0		42	7.9-168		
Acrylonitrile	15.6		µg/kg wet		20.0		78	70-130		
Benzene	21.3		µg/kg wet		20.0		107	70-130		
Bromobenzene	16.8		µg/kg wet		20.0		84	70-130		
Bromochloromethane	16.2		µg/kg wet		20.0		81	70-130		
Bromodichloromethane	20.6		µg/kg wet		20.0		103	70-130		
Bromoform	18.2		µg/kg wet		20.0		91	70-130		
Bromomethane	14.8		µg/kg wet		20.0		74	50-134		
2-Butanone (MEK)	10.0		µg/kg wet		20.0		50	44.6-130		
n-Butylbenzene	22.6		µg/kg wet		20.0		113	70-130		
sec-Butylbenzene	17.8		µg/kg wet		20.0		89	70-130		
tert-Butylbenzene	17.3		µg/kg wet		20.0		87	70-130		
Carbon disulfide	21.4		µg/kg wet		20.0		107	70-130		
Carbon tetrachloride	22.1		µg/kg wet		20.0		111	70-130		
Chlorobenzene	19.7		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 9011897 - SW846 5035A Soil (low level)										
LCS (9011897-BS1)										
Prepared & Analyzed: 29-Jan-09										
Chloroethane	15.5		µg/kg wet		20.0		77	59.2-130		
Chloroform	19.3		µg/kg wet		20.0		97	70-130		
Chloromethane	14.1		µg/kg wet		20.0		70	70-130		
2-Chlorotoluene	18.7		µg/kg wet		20.0		93	70-130		
4-Chlorotoluene	17.8		µg/kg wet		20.0		89	70-130		
1,2-Dibromo-3-chloropropane	19.4		µg/kg wet		20.0		97	70-130		
Dibromochloromethane	17.9		µg/kg wet		20.0		89	63.8-130		
1,2-Dibromoethane (EDB)	16.2		µg/kg wet		20.0		81	70-130		
Dibromomethane	18.4		µg/kg wet		20.0		92	70-130		
1,2-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,3-Dichlorobenzene	16.6		µg/kg wet		20.0		83	70-130		
1,4-Dichlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
Dichlorodifluoromethane (Freon12)	17.0		µg/kg wet		20.0		85	41.8-130		
1,1-Dichloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,2-Dichloroethane	19.3		µg/kg wet		20.0		96	70-130		
1,1-Dichloroethene	20.4		µg/kg wet		20.0		102	70-130		
cis-1,2-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130		
trans-1,2-Dichloroethene	20.9		µg/kg wet		20.0		104	70-130		
1,2-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130		
1,3-Dichloropropane	17.3		µg/kg wet		20.0		87	70-130		
2,2-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130		
1,1-Dichloropropene	21.4		µg/kg wet		20.0		107	70-130		
cis-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130		
trans-1,3-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130		
Ethylbenzene	20.1		µg/kg wet		20.0		100	70-130		
Hexachlorobutadiene	17.2		µg/kg wet		20.0		86	68.3-130		
2-Hexanone (MBK)	12.3	QC1	µg/kg wet		20.0		61	70-130		
Isopropylbenzene	18.6		µg/kg wet		20.0		93	70-130		
4-Isopropyltoluene	21.8		µg/kg wet		20.0		109	70-130		
Methyl tert-butyl ether	19.5		µg/kg wet		20.0		97	70-130		
4-Methyl-2-pentanone (MIBK)	13.5		µg/kg wet		20.0		68	53.1-132		
Methylene chloride	17.5		µg/kg wet		20.0		87	70-130		
Naphthalene	15.8		µg/kg wet		20.0		79	70-130		
n-Propylbenzene	18.6		µg/kg wet		20.0		93	70-130		
Styrene	18.4		µg/kg wet		20.0		92	70-130		
1,1,1,2-Tetrachloroethane	19.5		µg/kg wet		20.0		97	70-130		
1,1,2,2-Tetrachloroethane	17.5		µg/kg wet		20.0		87	70-130		
Tetrachloroethene	17.5		µg/kg wet		20.0		87	70-130		
Toluene	17.3		µg/kg wet		20.0		86	70-130		
1,2,3-Trichlorobenzene	16.5		µg/kg wet		20.0		82	70-130		
1,2,4-Trichlorobenzene	16.4		µg/kg wet		20.0		82	70-130		
1,3,5-Trichlorobenzene	19.2		µg/kg wet		20.0		96	70-130		
1,1,1-Trichloroethane	21.6		µg/kg wet		20.0		108	70-130		
1,1,2-Trichloroethane	17.5		µg/kg wet		20.0		88	70-130		
Trichloroethene	19.9		µg/kg wet		20.0		99	70-130		
Trichlorofluoromethane (Freon 11)	20.4		µg/kg wet		20.0		102	68.2-130		
1,2,3-Trichloropropane	17.2		µg/kg wet		20.0		86	70-130		
1,2,4-Trimethylbenzene	18.0		µg/kg wet		20.0		90	70-130		
1,3,5-Trimethylbenzene	18.4		µg/kg wet		20.0		92	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011897 - SW846 5035A Soil (low level)										
LCS (9011897-BS1)										
Prepared & Analyzed: 29-Jan-09										
Vinyl chloride	17.4		µg/kg wet		20.0		87	70-130		
m,p-Xylene	39.2		µg/kg wet		40.0		98	70-130		
o-Xylene	19.2		µg/kg wet		20.0		96	70-130		
Tetrahydrofuran	15.4		µg/kg wet		20.0		77	70-130		
Ethyl ether	20.0		µg/kg wet		20.0		100	70-130		
Tert-amyl methyl ether	17.3		µg/kg wet		20.0		87	70-130		
Ethyl tert-butyl ether	19.6		µg/kg wet		20.0		98	70-130		
Di-isopropyl ether	20.2		µg/kg wet		20.0		101	70-130		
Tert-Butanol / butyl alcohol	136	QC1	µg/kg wet		200		68	70-130		
1,4-Dioxane	134		µg/kg wet		200		67	48.7-130		
trans-1,4-Dichloro-2-butene	16.1		µg/kg wet		20.0		80	70-130		
Ethanol	287		µg/kg wet		400		72	70-130		
Surrogate: 4-Bromofluorobenzene	*45.4*		µg/kg wet		*50.0*		*91*	*70-130*		
Surrogate: Toluene-d8	*45.9*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.0*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*47.4*		µg/kg wet		*50.0*		*95*	*70-130*		
LCS Dup (9011897-BSD1)										
Prepared & Analyzed: 29-Jan-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.4		µg/kg wet		20.0		107	70-130	6	25
Acetone	7.0		µg/kg wet		20.0		35	7.9-168	19	50
Acrylonitrile	18.5		µg/kg wet		20.0		93	70-130	17	25
Benzene	21.8		µg/kg wet		20.0		109	70-130	2	25
Bromobenzene	18.2		µg/kg wet		20.0		91	70-130	8	25
Bromochloromethane	17.5		µg/kg wet		20.0		87	70-130	7	25
Bromodichloromethane	20.4		µg/kg wet		20.0		102	70-130	1	25
Bromoform	19.4		µg/kg wet		20.0		97	70-130	6	25
Bromomethane	17.8		µg/kg wet		20.0		89	50-134	18	50
2-Butanone (MEK)	13.7		µg/kg wet		20.0		69	44.6-130	31	50
n-Butylbenzene	23.0		µg/kg wet		20.0		115	70-130	2	25
sec-Butylbenzene	20.1		µg/kg wet		20.0		101	70-130	12	25
tert-Butylbenzene	19.5		µg/kg wet		20.0		98	70-130	12	25
Carbon disulfide	23.3		µg/kg wet		20.0		116	70-130	9	25
Carbon tetrachloride	21.0		µg/kg wet		20.0		105	70-130	5	25
Chlorobenzene	20.3		µg/kg wet		20.0		101	70-130	3	25
Chloroethane	17.8		µg/kg wet		20.0		89	59.2-130	14	50
Chloroform	18.8		µg/kg wet		20.0		94	70-130	3	25
Chloromethane	16.9		µg/kg wet		20.0		84	70-130	18	25
2-Chlorotoluene	20.9		µg/kg wet		20.0		105	70-130	12	25
4-Chlorotoluene	19.7		µg/kg wet		20.0		99	70-130	10	25
1,2-Dibromo-3-chloropropane	22.5		µg/kg wet		20.0		112	70-130	14	25
Dibromochloromethane	18.7		µg/kg wet		20.0		94	63.8-130	5	50
1,2-Dibromoethane (EDB)	17.5		µg/kg wet		20.0		87	70-130	7	25
Dibromomethane	19.1		µg/kg wet		20.0		95	70-130	3	25
1,2-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	2	25
1,3-Dichlorobenzene	19.3		µg/kg wet		20.0		96	70-130	15	25
1,4-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	3	25
Dichlorodifluoromethane (Freon12)	19.7		µg/kg wet		20.0		98	41.8-130	14	50
1,1-Dichloroethane	20.6		µg/kg wet		20.0		103	70-130	2	25
1,2-Dichloroethane	19.1		µg/kg wet		20.0		96	70-130	0.9	25
1,1-Dichloroethene	22.9		µg/kg wet		20.0		115	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 9011897 - SW846 5035A Soil (low level)										
LCS Dup (9011897-BSD1)										
Prepared & Analyzed: 29-Jan-09										
cis-1,2-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130	3	25
trans-1,2-Dichloroethene	20.9		µg/kg wet		20.0		104	70-130	0.05	25
1,2-Dichloropropane	21.0		µg/kg wet		20.0		105	70-130	3	25
1,3-Dichloropropane	18.2		µg/kg wet		20.0		91	70-130	5	25
2,2-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130	2	25
1,1-Dichloropropene	21.6		µg/kg wet		20.0		108	70-130	0.9	25
cis-1,3-Dichloropropene	18.9		µg/kg wet		20.0		94	70-130	0.3	25
trans-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	3	25
Ethylbenzene	20.9		µg/kg wet		20.0		105	70-130	4	25
Hexachlorobutadiene	18.2		µg/kg wet		20.0		91	68.3-130	6	50
2-Hexanone (MBK)	14.3		µg/kg wet		20.0		71	70-130	15	25
Isopropylbenzene	19.9		µg/kg wet		20.0		100	70-130	7	25
4-Isopropyltoluene	21.8		µg/kg wet		20.0		109	70-130	0.2	25
Methyl tert-butyl ether	19.7		µg/kg wet		20.0		98	70-130	1	25
4-Methyl-2-pentanone (MIBK)	15.0		µg/kg wet		20.0		75	53.1-132	10	50
Methylene chloride	19.5		µg/kg wet		20.0		98	70-130	11	25
Naphthalene	16.6		µg/kg wet		20.0		83	70-130	5	25
n-Propylbenzene	20.1		µg/kg wet		20.0		100	70-130	8	25
Styrene	20.0		µg/kg wet		20.0		100	70-130	8	25
1,1,1,2-Tetrachloroethane	19.5		µg/kg wet		20.0		97	70-130	0	25
1,1,2,2-Tetrachloroethane	19.3		µg/kg wet		20.0		97	70-130	10	25
Tetrachloroethene	17.9		µg/kg wet		20.0		89	70-130	2	25
Toluene	17.5		µg/kg wet		20.0		88	70-130	1	25
1,2,3-Trichlorobenzene	17.3		µg/kg wet		20.0		87	70-130	5	25
1,2,4-Trichlorobenzene	17.2		µg/kg wet		20.0		86	70-130	4	25
1,3,5-Trichlorobenzene	19.3		µg/kg wet		20.0		97	70-130	0.6	25
1,1,1-Trichloroethane	20.5		µg/kg wet		20.0		103	70-130	5	25
1,1,2-Trichloroethane	19.4		µg/kg wet		20.0		97	70-130	10	25
Trichloroethene	20.7		µg/kg wet		20.0		104	70-130	4	25
Trichlorofluoromethane (Freon 11)	22.9		µg/kg wet		20.0		114	68.2-130	11	50
1,2,3-Trichloropropane	19.4		µg/kg wet		20.0		97	70-130	12	25
1,2,4-Trimethylbenzene	19.8		µg/kg wet		20.0		99	70-130	10	25
1,3,5-Trimethylbenzene	20.4		µg/kg wet		20.0		102	70-130	10	25
Vinyl chloride	20.5		µg/kg wet		20.0		103	70-130	16	25
m,p-Xylene	41.2		µg/kg wet		40.0		103	70-130	5	25
o-Xylene	20.1		µg/kg wet		20.0		100	70-130	5	25
Tetrahydrofuran	15.2		µg/kg wet		20.0		76	70-130	2	25
Ethyl ether	20.9		µg/kg wet		20.0		104	70-130	4	50
Tert-amyl methyl ether	17.4		µg/kg wet		20.0		87	70-130	0.4	25
Ethyl tert-butyl ether	19.6		µg/kg wet		20.0		98	70-130	0.3	25
Di-isopropyl ether	20.4		µg/kg wet		20.0		102	70-130	1	25
Tert-Butanol / butyl alcohol	163		µg/kg wet		200		81	70-130	18	25
1,4-Dioxane	150		µg/kg wet		200		75	48.7-130	11	25
trans-1,4-Dichloro-2-butene	19.2		µg/kg wet		20.0		96	70-130	17	25
Ethanol	396	QR2	µg/kg wet		400		99	70-130	32	30
Surrogate: 4-Bromofluorobenzene	*48.4*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*46.7*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.3*		µg/kg wet		*50.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*46.3*		µg/kg wet		*50.0*		*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 9020047 - SW846 5030 Soil (high level)										
Blank (9020047-BLK1)										
Prepared & Analyzed: 02-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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9020047 - SW846 5030 Soil (high level)										
Blank (9020047-BLK1)										
Prepared & Analyzed: 02-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	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*31.6*		µg/kg wet		*30.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.2*		µg/kg wet		*30.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*31.2*		µg/kg wet		*30.0*		*104*	*70-130*		
LCS (9020047-BS1)										
Prepared & Analyzed: 02-Feb-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	26.3	QC1	µg/kg wet		20.0		132	70-130		
Acetone	13.7		µg/kg wet		20.0		68	7.9-168		
Acrylonitrile	20.7		µg/kg wet		20.0		104	70-130		
Benzene	19.3		µg/kg wet		20.0		97	70-130		
Bromobenzene	22.8		µg/kg wet		20.0		114	70-130		
Bromochloromethane	22.8		µg/kg wet		20.0		114	70-130		
Bromodichloromethane	20.5		µg/kg wet		20.0		102	70-130		
Bromoform	20.1		µg/kg wet		20.0		100	70-130		
Bromomethane	20.6		µg/kg wet		20.0		103	50-134		
2-Butanone (MEK)	20.6		µg/kg wet		20.0		103	44.6-130		
n-Butylbenzene	19.0		µg/kg wet		20.0		95	70-130		
sec-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130		
tert-Butylbenzene	23.6		µg/kg wet		20.0		118	70-130		
Carbon disulfide	24.1		µg/kg wet		20.0		121	70-130		
Carbon tetrachloride	17.8		µg/kg wet		20.0		89	70-130		
Chlorobenzene	23.6		µg/kg wet		20.0		118	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 9020047 - SW846 5030 Soil (high level)										
LCS (9020047-BS1)										
Prepared & Analyzed: 02-Feb-09										
Chloroform	22.5		µg/kg wet		20.0		112	70-130		
Chloromethane	19.4		µg/kg wet		20.0		97	70-130		
2-Chlorotoluene	18.9		µg/kg wet		20.0		95	70-130		
4-Chlorotoluene	20.5		µg/kg wet		20.0		103	70-130		
1,2-Dibromo-3-chloropropane	12.3	QC2	µg/kg wet		20.0		61	70-130		
Dibromochloromethane	21.1		µg/kg wet		20.0		105	63.8-130		
1,2-Dibromoethane (EDB)	19.0		µg/kg wet		20.0		95	70-130		
Dibromomethane	20.8		µg/kg wet		20.0		104	70-130		
1,2-Dichlorobenzene	19.3		µg/kg wet		20.0		96	70-130		
1,3-Dichlorobenzene	22.6		µg/kg wet		20.0		113	70-130		
1,4-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
Dichlorodifluoromethane (Freon12)	17.5		µg/kg wet		20.0		88	41.8-130		
1,1-Dichloroethane	22.6		µg/kg wet		20.0		113	70-130		
1,2-Dichloroethane	21.5		µg/kg wet		20.0		107	70-130		
1,1-Dichloroethene	23.6		µg/kg wet		20.0		118	70-130		
cis-1,2-Dichloroethene	22.7		µg/kg wet		20.0		114	70-130		
trans-1,2-Dichloroethene	21.8		µg/kg wet		20.0		109	70-130		
1,2-Dichloropropane	18.1		µg/kg wet		20.0		90	70-130		
1,3-Dichloropropane	18.0		µg/kg wet		20.0		90	70-130		
2,2-Dichloropropane	11.7	QC2	µg/kg wet		20.0		59	70-130		
1,1-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130		
cis-1,3-Dichloropropene	15.3		µg/kg wet		20.0		77	70-130		
trans-1,3-Dichloropropene	13.1	QC2	µg/kg wet		20.0		65	70-130		
Ethylbenzene	20.4		µg/kg wet		20.0		102	70-130		
Hexachlorobutadiene	20.1		µg/kg wet		20.0		100	68.3-130		
2-Hexanone (MBK)	18.2		µg/kg wet		20.0		91	70-130		
Isopropylbenzene	18.1		µg/kg wet		20.0		90	70-130		
4-Isopropyltoluene	20.0		µg/kg wet		20.0		100	70-130		
Methyl tert-butyl ether	21.0		µg/kg wet		20.0		105	70-130		
4-Methyl-2-pentanone (MIBK)	19.2		µg/kg wet		20.0		96	53.1-132		
Methylene chloride	23.8		µg/kg wet		20.0		119	70-130		
Naphthalene	19.2		µg/kg wet		20.0		96	70-130		
n-Propylbenzene	20.7		µg/kg wet		20.0		104	70-130		
Styrene	21.4		µg/kg wet		20.0		107	70-130		
1,1,1,2-Tetrachloroethane	18.4		µg/kg wet		20.0		92	70-130		
1,1,2,2-Tetrachloroethane	19.6		µg/kg wet		20.0		98	70-130		
Tetrachloroethene	24.4		µg/kg wet		20.0		122	70-130		
Toluene	20.0		µg/kg wet		20.0		100	70-130		
1,2,3-Trichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,2,4-Trichlorobenzene	20.3		µg/kg wet		20.0		102	70-130		
1,3,5-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,1,1-Trichloroethane	19.4		µg/kg wet		20.0		97	70-130		
1,1,2-Trichloroethane	19.4		µg/kg wet		20.0		97	70-130		
Trichloroethene	21.3		µg/kg wet		20.0		106	70-130		
Trichlorofluoromethane (Freon 11)	21.8		µg/kg wet		20.0		109	68.2-130		
1,2,3-Trichloropropane	23.3		µg/kg wet		20.0		117	70-130		
1,2,4-Trimethylbenzene	21.4		µg/kg wet		20.0		107	70-130		
1,3,5-Trimethylbenzene	21.7		µg/kg wet		20.0		108	70-130		
Vinyl chloride	20.2		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 9020047 - SW846 5030 Soil (high level)										
LCS (9020047-BS1)										
Prepared & Analyzed: 02-Feb-09										
m,p-Xylene	41.4		µg/kg wet		40.0		103	70-130		
o-Xylene	21.5		µg/kg wet		20.0		107	70-130		
Tetrahydrofuran	20.0		µg/kg wet		20.0		100	70-130		
Ethyl ether	21.4		µg/kg wet		20.0		107	70-130		
Tert-amyl methyl ether	26.4	QC1	µg/kg wet		20.0		132	70-130		
Ethyl tert-butyl ether	12.0	QC2	µg/kg wet		20.0		60	70-130		
Di-isopropyl ether	17.0		µg/kg wet		20.0		85	70-130		
Tert-Butanol / butyl alcohol	205		µg/kg wet		200		102	70-130		
1,4-Dioxane	226		µg/kg wet		200		113	48.7-130		
trans-1,4-Dichloro-2-butene	16.0		µg/kg wet		20.0		80	70-130		
Ethanol	401		µg/kg wet		400		100	70-130		
Surrogate: 4-Bromofluorobenzene	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*31.5*		µg/kg wet		*30.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.9*		µg/kg wet		*30.0*		*93*	*70-130*		
Surrogate: Dibromofluoromethane	*31.8*		µg/kg wet		*30.0*		*106*	*70-130*		
LCS Dup (9020047-BSD1)										
Prepared & Analyzed: 02-Feb-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.8		µg/kg wet		20.0		124	70-130	6	25
Acetone	15.4		µg/kg wet		20.0		77	7.9-168	12	50
Acrylonitrile	21.3		µg/kg wet		20.0		106	70-130	3	25
Benzene	18.7		µg/kg wet		20.0		93	70-130	3	25
Bromobenzene	21.8		µg/kg wet		20.0		109	70-130	5	25
Bromochloromethane	21.2		µg/kg wet		20.0		106	70-130	8	25
Bromodichloromethane	19.4		µg/kg wet		20.0		97	70-130	5	25
Bromoform	18.9		µg/kg wet		20.0		95	70-130	6	25
Bromomethane	19.4		µg/kg wet		20.0		97	50-134	6	50
2-Butanone (MEK)	18.8		µg/kg wet		20.0		94	44.6-130	9	50
n-Butylbenzene	18.2		µg/kg wet		20.0		91	70-130	4	25
sec-Butylbenzene	21.0		µg/kg wet		20.0		105	70-130	3	25
tert-Butylbenzene	22.5		µg/kg wet		20.0		113	70-130	4	25
Carbon disulfide	23.0		µg/kg wet		20.0		115	70-130	5	25
Carbon tetrachloride	16.4		µg/kg wet		20.0		82	70-130	9	25
Chlorobenzene	23.0		µg/kg wet		20.0		115	70-130	2	25
Chloroethane	17.0		µg/kg wet		20.0		85	59.2-130	6	50
Chloroform	21.8		µg/kg wet		20.0		109	70-130	3	25
Chloromethane	18.4		µg/kg wet		20.0		92	70-130	5	25
2-Chlorotoluene	18.5		µg/kg wet		20.0		93	70-130	2	25
4-Chlorotoluene	19.7		µg/kg wet		20.0		98	70-130	4	25
1,2-Dibromo-3-chloropropane	11.8	QC2	µg/kg wet		20.0		59	70-130	4	25
Dibromochloromethane	20.6		µg/kg wet		20.0		103	63.8-130	2	50
1,2-Dibromoethane (EDB)	18.4		µg/kg wet		20.0		92	70-130	3	25
Dibromomethane	19.8		µg/kg wet		20.0		99	70-130	5	25
1,2-Dichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	4	25
1,3-Dichlorobenzene	22.0		µg/kg wet		20.0		110	70-130	3	25
1,4-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	3	25
Dichlorodifluoromethane (Freon12)	16.8		µg/kg wet		20.0		84	41.8-130	4	50
1,1-Dichloroethane	22.5		µg/kg wet		20.0		112	70-130	0.4	25
1,2-Dichloroethane	20.6		µg/kg wet		20.0		103	70-130	4	25
1,1-Dichloroethene	22.9		µg/kg wet		20.0		115	70-130	3	25
cis-1,2-Dichloroethene	21.4		µg/kg wet		20.0		107	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 9020047 - SW846 5030 Soil (high level)										
LCS Dup (9020047-BSD1)										
Prepared & Analyzed: 02-Feb-09										
trans-1,2-Dichloroethene	21.0		µg/kg wet		20.0		105	70-130	4	25
1,2-Dichloropropane	17.8		µg/kg wet		20.0		89	70-130	2	25
1,3-Dichloropropane	17.0		µg/kg wet		20.0		85	70-130	5	25
2,2-Dichloropropane	10.9	QC2	µg/kg wet		20.0		55	70-130	7	25
1,1-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130	4	25
cis-1,3-Dichloropropene	14.8		µg/kg wet		20.0		74	70-130	3	25
trans-1,3-Dichloropropene	12.6	QC2	µg/kg wet		20.0		63	70-130	3	25
Ethylbenzene	19.8		µg/kg wet		20.0		99	70-130	3	25
Hexachlorobutadiene	19.5		µg/kg wet		20.0		98	68.3-130	3	50
2-Hexanone (MBK)	18.7		µg/kg wet		20.0		94	70-130	3	25
Isopropylbenzene	17.4		µg/kg wet		20.0		87	70-130	4	25
4-Isopropyltoluene	19.3		µg/kg wet		20.0		96	70-130	4	25
Methyl tert-butyl ether	20.2		µg/kg wet		20.0		101	70-130	4	25
4-Methyl-2-pentanone (MIBK)	18.4		µg/kg wet		20.0		92	53.1-132	4	50
Methylene chloride	22.9		µg/kg wet		20.0		115	70-130	4	25
Naphthalene	18.8		µg/kg wet		20.0		94	70-130	2	25
n-Propylbenzene	19.5		µg/kg wet		20.0		98	70-130	6	25
Styrene	20.5		µg/kg wet		20.0		102	70-130	4	25
1,1,1,2-Tetrachloroethane	17.8		µg/kg wet		20.0		89	70-130	3	25
1,1,2,2-Tetrachloroethane	19.3		µg/kg wet		20.0		96	70-130	2	25
Tetrachloroethene	22.5		µg/kg wet		20.0		113	70-130	8	25
Toluene	19.4		µg/kg wet		20.0		97	70-130	3	25
1,2,3-Trichlorobenzene	20.8		µg/kg wet		20.0		104	70-130	2	25
1,2,4-Trichlorobenzene	19.4		µg/kg wet		20.0		97	70-130	5	25
1,3,5-Trichlorobenzene	19.4		µg/kg wet		20.0		97	70-130	4	25
1,1,1-Trichloroethane	17.6		µg/kg wet		20.0		88	70-130	10	25
1,1,2-Trichloroethane	19.4		µg/kg wet		20.0		97	70-130	0.2	25
Trichloroethene	20.6		µg/kg wet		20.0		103	70-130	4	25
Trichlorofluoromethane (Freon 11)	21.1		µg/kg wet		20.0		105	68.2-130	3	50
1,2,3-Trichloropropane	22.9		µg/kg wet		20.0		115	70-130	2	25
1,2,4-Trimethylbenzene	20.7		µg/kg wet		20.0		103	70-130	3	25
1,3,5-Trimethylbenzene	21.1		µg/kg wet		20.0		105	70-130	3	25
Vinyl chloride	19.7		µg/kg wet		20.0		98	70-130	2	25
m,p-Xylene	39.8		µg/kg wet		40.0		100	70-130	4	25
o-Xylene	20.6		µg/kg wet		20.0		103	70-130	4	25
Tetrahydrofuran	19.8		µg/kg wet		20.0		99	70-130	1	25
Ethyl ether	20.6		µg/kg wet		20.0		103	70-130	4	50
Tert-amyl methyl ether	25.8		µg/kg wet		20.0		129	70-130	2	25
Ethyl tert-butyl ether	11.6	QC2	µg/kg wet		20.0		58	70-130	3	25
Di-isopropyl ether	16.7		µg/kg wet		20.0		84	70-130	1	25
Tert-Butanol / butyl alcohol	192		µg/kg wet		200		96	70-130	7	25
1,4-Dioxane	225		µg/kg wet		200		112	48.7-130	0.7	25
trans-1,4-Dichloro-2-butene	14.0		µg/kg wet		20.0		70	70-130	14	25
Ethanol	367		µg/kg wet		400		92	70-130	9	30
Surrogate: 4-Bromofluorobenzene	*29.9*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*31.3*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.3*		µg/kg wet		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*31.8*		µg/kg wet		*30.0*		*106*	*70-130*		
Matrix Spike (9020047-MS1)	**Source: SA90344-01**									
Prepared & Analyzed: 02-Feb-09										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9020047 - SW846 5030 Soil (high level)										
Matrix Spike (9020047-MS1)	**Source: SA90344-01**									
Prepared & Analyzed: 02-Feb-09										
Benzene	19.9		µg/kg dry		20.0	BRL	100	70-130		
Chlorobenzene	24.6		µg/kg dry		20.0	BRL	123	70-130		
1,1-Dichloroethene	25.6		µg/kg dry		20.0	BRL	128	70-130		
Toluene	20.8		µg/kg dry		20.0	BRL	104	70-130		
Trichloroethene	23.3		µg/kg dry		20.0	BRL	117	70-130		
Surrogate: 4-Bromofluorobenzene	*32.9*		µg/kg dry		*30.0*		*110*	*70-130*		
Surrogate: Toluene-d8	*31.4*		µg/kg dry		*30.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.0*		µg/kg dry		*30.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*31.2*		µg/kg dry		*30.0*		*104*	*70-130*		
Matrix Spike Dup (9020047-MSD1)	**Source: SA90344-01**									
Prepared & Analyzed: 02-Feb-09										
Benzene	21.2		µg/kg dry		20.0	BRL	106	70-130	6	30
Chlorobenzene	25.6		µg/kg dry		20.0	BRL	128	70-130	4	30
1,1-Dichloroethene	33.7	QM7	µg/kg dry		20.0	BRL	168	70-130	27	30
Toluene	22.4		µg/kg dry		20.0	BRL	112	70-130	7	30
Trichloroethene	24.5		µg/kg dry		20.0	BRL	122	70-130	5	30
Surrogate: 4-Bromofluorobenzene	*31.2*		µg/kg dry		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*32.3*		µg/kg dry		*30.0*		*108*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.6*		µg/kg dry		*30.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*31.0*		µg/kg dry		*30.0*		*103*	*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 9012003 - SW846 3550B										
Blank (9012003-BLK1)										
Prepared: 30-Jan-09 Analyzed: 01-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 9012003 - SW846 3550B										
Blank (9012003-BLK1)										
Prepared: 30-Jan-09 Analyzed: 01-Feb-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	*2150*		µg/kg wet		*3330*		*64*	*30-130*		
Surrogate: 2-Fluorophenol	*1330*		µg/kg wet		*3330*		*40*	*15-110*		
Surrogate: Nitrobenzene-d5	*1990*		µg/kg wet		*3330*		*60*	*30-130*		
Surrogate: Phenol-d5	*1620*		µg/kg wet		*3330*		*49*	*15-110*		
Surrogate: Terphenyl-dl4	*2050*		µg/kg wet		*3330*		*61*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2190*		µg/kg wet		*3330*		*66*	*15-110*		
LCS (9012003-BS1)										
Prepared: 30-Jan-09 Analyzed: 01-Feb-09										
Acenaphthene	2610		µg/kg wet	330	3330		78	40-130		
Acenaphthylene	2550		µg/kg wet	330	3330		76	40-130		
Aniline	817	QC2	µg/kg wet	330	3330		25	40-130		
Anthracene	2740		µg/kg wet	330	3330		82	40-130		
Atrazine	3200		µg/kg wet	330	3330		96	40-130		
Azobenzene/Diphenyldiazine	2940		µg/kg wet	330	3330		88	40-130		
Benzidine	60.0		µg/kg wet	330	3330		2	0-130		
Benzo (a) anthracene	2330		µg/kg wet	330	3330		70	40-130		
Benzo (a) pyrene	2490		µg/kg wet	330	3330		75	40-130		
Benzo (b) fluoranthene	2270		µg/kg wet	330	3330		68	40-130		
Benzo (g,h,i) perylene	2460		µg/kg wet	330	3330		74	40-130		
Benzo (k) fluoranthene	2870		µg/kg wet	330	3330		86	40-130		
Benzoic acid	2950		µg/kg wet	330	3330		88	19.5-130		
Benzyl alcohol	2660		µg/kg wet	330	3330		80	40-130		
Bis(2-chloroethoxy)methane	2840		µg/kg wet	330	3330		85	40-130		
Bis(2-chloroethyl)ether	3270		µg/kg wet	330	3330		98	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 9012003 - SW846 3550B										
LCS (9012003-BS1)										
Prepared: 30-Jan-09 Analyzed: 01-Feb-09										
Bis(2-chloroisopropyl)ether	2740		µg/kg wet	330	3330		82	40-130		
Bis(2-ethylhexyl)phthalate	2850		µg/kg wet	330	3330		85	40-130		
4-Bromophenyl phenyl ether	2850		µg/kg wet	330	3330		86	40-130		
Butyl benzyl phthalate	2690		µg/kg wet	330	3330		81	40-130		
Carbazole	4220		µg/kg wet	330	3330		127	40-130		
4-Chloro-3-methylphenol	2880		µg/kg wet	330	3330		87	40-130		
4-Chloroaniline	1560		µg/kg wet	330	3330		47	40-130		
2-Chloronaphthalene	2320		µg/kg wet	330	3330		70	40-130		
2-Chlorophenol	2440		µg/kg wet	330	3330		73	40-130		
4-Chlorophenyl phenyl ether	2900		µg/kg wet	330	3330		87	40-130		
Chrysene	2410		µg/kg wet	330	3330		72	40-130		
Dibenzo (a,h) anthracene	2500		µg/kg wet	330	3330		75	40-130		
Dibenzofuran	2510		µg/kg wet	330	3330		75	40-130		
1,2-Dichlorobenzene	2350		µg/kg wet	330	3330		70	40-130		
1,3-Dichlorobenzene	1900		µg/kg wet	330	3330		57	40-130		
1,4-Dichlorobenzene	2500		µg/kg wet	330	3330		75	40-130		
3,3'-Dichlorobenzidine	2760		µg/kg wet	330	3330		83	40-130		
2,4-Dichlorophenol	2480		µg/kg wet	330	3330		74	40-130		
Diethyl phthalate	2880		µg/kg wet	330	3330		86	40-130		
Dimethyl phthalate	2800		µg/kg wet	330	3330		84	40-130		
2,4-Dimethylphenol	2400		µg/kg wet	330	3330		72	40-130		
Di-n-butyl phthalate	3070		µg/kg wet	330	3330		92	40-130		
4,6-Dinitro-2-methylphenol	2580		µg/kg wet	330	3330		77	40-130		
2,4-Dinitrophenol	2610		µg/kg wet	330	3330		78	40-130		
2,4-Dinitrotoluene	2590		µg/kg wet	330	3330		78	40-130		
2,6-Dinitrotoluene	2500		µg/kg wet	330	3330		75	40-130		
Di-n-octyl phthalate	3160		µg/kg wet	330	3330		95	40-130		
Fluoranthene	2710		µg/kg wet	330	3330		81	40-130		
Fluorene	2660		µg/kg wet	330	3330		80	40-130		
Hexachlorobenzene	2430		µg/kg wet	330	3330		73	40-130		
Hexachlorobutadiene	2270		µg/kg wet	330	3330		68	40-130		
Hexachlorocyclopentadiene	1800		µg/kg wet	330	3330		54	40-130		
Hexachloroethane	2310		µg/kg wet	330	3330		69	40-130		
Indeno (1,2,3-cd) pyrene	2390		µg/kg wet	330	3330		72	40-130		
1-Methylnaphthalene	2640		µg/kg wet	330	3330		79	40-140		
Isophorone	2600		µg/kg wet	330	3330		78	40-130		
2-Methylnaphthalene	2430		µg/kg wet	330	3330		73	40-130		
2-Methylphenol	2390		µg/kg wet	330	3330		72	40-130		
3 & 4-Methylphenol	3010		µg/kg wet	330	3330		90	40-130		
Naphthalene	2520		µg/kg wet	330	3330		76	40-130		
2-Nitroaniline	2560		µg/kg wet	330	3330		77	40-130		
3-Nitroaniline	2320		µg/kg wet	330	3330		70	40-130		
4-Nitroaniline	2770		µg/kg wet	1320	3330		83	40-130		
Nitrobenzene	2440		µg/kg wet	330	3330		73	40-130		
2-Nitrophenol	2430		µg/kg wet	330	3330		73	40-130		
4-Nitrophenol	2910		µg/kg wet	1320	3330		87	40-130		
N-Nitrosodimethylamine	2190		µg/kg wet	330	3330		66	40-130		
N-Nitrosodi-n-propylamine	2990		µg/kg wet	330	3330		90	40-130		
N-Nitrosodiphenylamine	3040		µg/kg wet	330	3330		91	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 9012003 - SW846 3550B										
LCS (9012003-BS1)										
Prepared: 30-Jan-09 Analyzed: 01-Feb-09										
Pentachlorophenol	2640		µg/kg wet	330	3330		79	40-130		
Phenanthrene	2640		µg/kg wet	330	3330		79	40-130		
Phenol	2570		µg/kg wet	330	3330		77	40-130		
Pyrene	2360		µg/kg wet	330	3330		71	40-130		
Pyridine	509		µg/kg wet	330	3330		15	0-130		
1,2,4-Trichlorobenzene	2180		µg/kg wet	330	3330		65	40-130		
2,4,5-Trichlorophenol	2620		µg/kg wet	330	3330		79	40-130		
2,4,6-Trichlorophenol	2260		µg/kg wet	330	3330		68	40-130		
Pentachloronitrobenzene	3150		µg/kg wet	330	3330		95	40-140		
1,2,4,5-Tetrachlorobenzene	2110		µg/kg wet	330	3330		63	40-140		
Surrogate: 2-Fluorobiphenyl	*2430*		µg/kg wet		*3330*		*73*	*30-130*		
Surrogate: 2-Fluorophenol	*2050*		µg/kg wet		*3330*		*62*	*15-110*		
Surrogate: Nitrobenzene-d5	*2680*		µg/kg wet		*3330*		*80*	*30-130*		
Surrogate: Phenol-d5	*2120*		µg/kg wet		*3330*		*63*	*15-110*		
Surrogate: Terphenyl-dl4	*2150*		µg/kg wet		*3330*		*64*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2790*		µg/kg wet		*3330*		*84*	*15-110*		
Duplicate (9012003-DUP1) **Source: SA90307-01**										
Prepared: 30-Jan-09 Analyzed: 01-Feb-09										
Acenaphthene	BRL		µg/kg dry	676		BRL				50
Acenaphthylene	BRL		µg/kg dry	676		BRL				50
Aniline	BRL		µg/kg dry	676		BRL				50
Anthracene	BRL		µg/kg dry	676		BRL				50
Atrazine	BRL		µg/kg dry	676		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	676		BRL				50
Benzidine	BRL		µg/kg dry	676		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	676		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	676		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	676		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	676		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	676		BRL				50
Benzoic acid	BRL		µg/kg dry	676		BRL				50
Benzyl alcohol	BRL		µg/kg dry	676		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	676		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	676		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	676		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	676		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	676		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	676		BRL				50
Carbazole	BRL		µg/kg dry	676		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	676		BRL				50
4-Chloroaniline	BRL		µg/kg dry	676		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	676		BRL				50
2-Chlorophenol	BRL		µg/kg dry	676		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	676		BRL				50
Chrysene	BRL		µg/kg dry	676		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	676		BRL				50
Dibenzofuran	BRL		µg/kg dry	676		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	676		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	676		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	676		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 9012003 - SW846 3550B										
Duplicate (9012003-DUP1) **Source: SA90307-01**										
Prepared: 30-Jan-09 Analyzed: 01-Feb-09										
3,3'-Dichlorobenzidine	BRL		µg/kg dry	676		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	676		BRL				50
Diethyl phthalate	BRL		µg/kg dry	676		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	676		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	676		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	676		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	676		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	676		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	676		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	676		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	676		BRL				50
Fluoranthene	BRL		µg/kg dry	676		BRL				50
Fluorene	BRL		µg/kg dry	676		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	676		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	676		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	676		BRL				50
Hexachloroethane	BRL		µg/kg dry	676		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	676		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	676		BRL				50
Isophorone	BRL		µg/kg dry	676		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	676		BRL				50
2-Methylphenol	BRL		µg/kg dry	676		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	676		BRL				50
Naphthalene	BRL		µg/kg dry	676		BRL				50
2-Nitroaniline	BRL		µg/kg dry	676		BRL				50
3-Nitroaniline	BRL		µg/kg dry	676		BRL				50
4-Nitroaniline	BRL		µg/kg dry	2700		BRL				50
Nitrobenzene	BRL		µg/kg dry	676		BRL				50
2-Nitrophenol	BRL		µg/kg dry	676		BRL				50
4-Nitrophenol	BRL		µg/kg dry	2700		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	676		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	676		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	676		BRL				50
Pentachlorophenol	BRL		µg/kg dry	676		BRL				50
Phenanthrene	BRL		µg/kg dry	676		BRL				50
Phenol	BRL		µg/kg dry	676		BRL				50
Pyrene	BRL		µg/kg dry	676		BRL				50
Pyridine	BRL		µg/kg dry	676		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	676		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	676		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	676		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	676		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	676		BRL				50
Surrogate: 2-Fluorobiphenyl	*2690*		µg/kg dry		*3410*		*79*	*30-130*		
Surrogate: 2-Fluorophenol	*2240*		µg/kg dry		*3410*		*66*	*15-110*		
Surrogate: Nitrobenzene-d5	*2580*		µg/kg dry		*3410*		*76*	*30-130*		
Surrogate: Phenol-d5	*2140*		µg/kg dry		*3410*		*63*	*15-110*		
Surrogate: Terphenyl-dl4	*2320*		µg/kg dry		*3410*		*68*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2290*		µg/kg dry		*3410*		*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 9012003 - SW846 3550B										
Matrix Spike (9012003-MS1) **Source: SA90307-01**										
Prepared: 30-Jan-09 Analyzed: 01-Feb-09										
Acenaphthene	2570		µg/kg dry	349	3520	BRL	73	40-140		
Benzo (b) fluoranthene	2160		µg/kg dry	349	3520	BRL	61	40-140		
Benzo (k) fluoranthene	2950		µg/kg dry	349	3520	BRL	84	40-140		
4-Chloro-3-methylphenol	2800		µg/kg dry	349	3520	BRL	80	30-130		
2-Chlorophenol	2420		µg/kg dry	349	3520	BRL	69	30-130		
Chrysene	2390		µg/kg dry	349	3520	BRL	68	40-140		
1,4-Dichlorobenzene	2410		µg/kg dry	349	3520	BRL	68	40-140		
Indeno (1,2,3-cd) pyrene	2120		µg/kg dry	349	3520	BRL	60	40-140		
Naphthalene	2610		µg/kg dry	349	3520	BRL	74	40-140		
4-Nitrophenol	2580		µg/kg dry	1400	3520	BRL	73	30-130		
N-Nitrosodi-n-propylamine	2880		µg/kg dry	349	3520	BRL	82	40-140		
Pentachlorophenol	2320		µg/kg dry	349	3520	BRL	66	30-130		
Phenol	2580		µg/kg dry	349	3520	BRL	73	30-130		
Pyrene	2360		µg/kg dry	349	3520	BRL	67	40-140		
1,2,4-Trichlorobenzene	2190		µg/kg dry	349	3520	BRL	62	40-140		
Surrogate: 2-Fluorobiphenyl	*2550*		µg/kg dry		*3520*		*72*	*30-130*		
Surrogate: 2-Fluorophenol	*2220*		µg/kg dry		*3520*		*63*	*15-110*		
Surrogate: Nitrobenzene-d5	*2780*		µg/kg dry		*3520*		*79*	*30-130*		
Surrogate: Phenol-d5	*2130*		µg/kg dry		*3520*		*61*	*15-110*		
Surrogate: Terphenyl-dl4	*2150*		µg/kg dry		*3520*		*61*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2720*		µg/kg dry		*3520*		*77*	*15-110*		
Matrix Spike Dup (9012003-MSD1) **Source: SA90307-01**										
Prepared: 30-Jan-09 Analyzed: 01-Feb-09										
Acenaphthene	2680		µg/kg dry	338	3410	BRL	79	40-140	8	30
Benzo (b) fluoranthene	2160		µg/kg dry	338	3410	BRL	63	40-140	3	30
Benzo (k) fluoranthene	3010		µg/kg dry	338	3410	BRL	88	40-140	5	30
4-Chloro-3-methylphenol	2730		µg/kg dry	338	3410	BRL	80	30-130	0.6	30
2-Chlorophenol	2420		µg/kg dry	338	3410	BRL	71	30-130	3	30
Chrysene	2420		µg/kg dry	338	3410	BRL	71	40-140	4	30
1,4-Dichlorobenzene	2420		µg/kg dry	338	3410	BRL	71	40-140	4	30
Indeno (1,2,3-cd) pyrene	2180		µg/kg dry	338	3410	BRL	64	40-140	6	30
Naphthalene	2620		µg/kg dry	338	3410	BRL	77	40-140	4	30
4-Nitrophenol	2550		µg/kg dry	1350	3410	BRL	75	30-130	2	30
N-Nitrosodi-n-propylamine	2850		µg/kg dry	338	3410	BRL	83	40-140	2	30
Pentachlorophenol	2250		µg/kg dry	338	3410	BRL	66	30-130	0.06	30
Phenol	2510		µg/kg dry	338	3410	BRL	74	30-130	0.7	30
Pyrene	2440		µg/kg dry	338	3410	BRL	72	40-140	6	30
1,2,4-Trichlorobenzene	2250		µg/kg dry	338	3410	BRL	66	40-140	6	30
Surrogate: 2-Fluorobiphenyl	*2570*		µg/kg dry		*3410*		*75*	*30-130*		
Surrogate: 2-Fluorophenol	*2110*		µg/kg dry		*3410*		*62*	*15-110*		
Surrogate: Nitrobenzene-d5	*2740*		µg/kg dry		*3410*		*80*	*30-130*		
Surrogate: Phenol-d5	*2000*		µg/kg dry		*3410*		*59*	*15-110*		
Surrogate: Terphenyl-dl4	*2120*		µg/kg dry		*3410*		*62*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2580*		µg/kg dry		*3410*		*76*	*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 9012042 - SW846 3550B										
Blank (9012042-BLK1)										
Prepared: 30-Jan-09 Analyzed: 01-Feb-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)	*19.2*		µg/kg wet		*20.0*		*96*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*12.2*		µg/kg wet		*20.0*		*61*	*30-150*		
LCS (9012042-BS1)										
Prepared: 30-Jan-09 Analyzed: 01-Feb-09										
PCB 1016	245		µg/kg wet	20.0	250		98	40-140		
PCB 1260	273		µg/kg wet	20.0	250		109	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.5*		µg/kg wet		*20.0*		*92*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*10.1*		µg/kg wet		*20.0*		*50*	*30-150*		
LCS Dup (9012042-BSD1)										
Prepared: 30-Jan-09 Analyzed: 01-Feb-09										
PCB 1016	236		µg/kg wet	20.0	250		95	40-140	4	30
PCB 1260	266		µg/kg wet	20.0	250		106	40-140	3	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.1*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*10.1*		µg/kg wet		*20.0*		*50*	*30-150*		
Duplicate (9012042-DUP1) **Source: SA90344-01**										
Prepared: 30-Jan-09 Analyzed: 01-Feb-09										
PCB 1016	BRL		µg/kg dry	20.4		BRL				40
PCB 1221	BRL		µg/kg dry	20.4		BRL				40
PCB 1232	BRL		µg/kg dry	20.4		BRL				40
PCB 1242	BRL		µg/kg dry	20.4		BRL				40
PCB 1248	BRL		µg/kg dry	20.4		BRL				40
PCB 1254	BRL		µg/kg dry	20.4		BRL				40
PCB 1260	BRL		µg/kg dry	20.4		BRL				40
PCB 1262	BRL		µg/kg dry	20.4		BRL				40
PCB 1268	BRL		µg/kg dry	20.4		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg dry		*20.4*		*88*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*10.8*		µg/kg dry		*20.4*		*53*	*30-150*		
Matrix Spike (9012042-MS1) **Source: SA90344-01**										
Prepared: 30-Jan-09 Analyzed: 01-Feb-09										
PCB 1016	222		µg/kg dry	20.2	252	BRL	88	40-140		
PCB 1260	250		µg/kg dry	20.2	252	BRL	99	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.6*		µg/kg dry		*20.1*		*87*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*10.1*		µg/kg dry		*20.1*		*50*	*30-150*		
Matrix Spike Dup (9012042-MSD1) **Source: SA90344-01**										
Prepared: 30-Jan-09 Analyzed: 01-Feb-09										
PCB 1016	246		µg/kg dry	21.6	270	BRL	91	40-140	3	50
PCB 1260	275		µg/kg dry	21.6	270	BRL	102	40-140	2	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.4*		µg/kg dry		*21.6*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*11.0*		µg/kg dry		*21.6*		*51*	*30-150*		
Batch 9020015 - 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 9020015 - SW846 3550B										
Blank (9020015-BLK1)										
Prepared: 02-Feb-09 Analyzed: 03-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						
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)	*6.07*		µg/kg wet		*13.3*		*46*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [	*5.60*		µg/kg wet		*13.3*		*42*	*30-150*		
LCS (9020015-BS1)										
Prepared: 02-Feb-09 Analyzed: 03-Feb-09										
2,4,5-T	28.7		µg/kg wet	6.70	33.3		86	40-140		
2,4,5-T [2C]	31.0		µg/kg wet	6.70	33.3		93	40-140		
2,4,5-TP (Silvex)	29.9		µg/kg wet	6.70	33.3		90	40-140		
2,4,5-TP (Silvex) [2C]	32.9		µg/kg wet	6.70	33.3		99	40-140		
2,4-D	27.0		µg/kg wet	6.70	33.3		81	40-140		
2,4-D [2C]	31.0		µg/kg wet	6.70	33.3		93	40-140		
2,4-DB	29.0		µg/kg wet	6.70	33.3		87	40-140		
2,4-DB [2C]	29.7		µg/kg wet	6.70	33.3		89	40-140		
Dalapon	20.7		µg/kg wet	6.70	33.3		62	40-140		
Dalapon [2C]	22.1		µg/kg wet	6.70	33.3		66	40-140		
Dicamba	29.0		µg/kg wet	6.70	33.3		87	40-140		
Dicamba [2C]	29.8		µg/kg wet	6.70	33.3		89	40-140		
Dichlorprop	32.9		µg/kg wet	6.70	33.3		99	40-140		
Dichlorprop [2C]	34.7		µg/kg wet	6.70	33.3		104	40-140		
Dinoseb	32.5		µg/kg wet	6.70	33.3		97	40-140		
Dinoseb [2C]	34.8		µg/kg wet	6.70	33.3		104	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.9*		µg/kg wet		*13.3*		*82*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [	*11.7*		µg/kg wet		*13.3*		*88*	*30-150*		
LCS (9020015-BS2)										
Prepared: 02-Feb-09 Analyzed: 03-Feb-09										
MCPA	14000		µg/kg wet	670	20000		70	40-140		
MCPA [2C]	13500		µg/kg wet	670	20000		67	40-140		
MCPB	14700		µg/kg wet	670	20000		74	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 9020015 - SW846 3550B										
LCS (9020015-BS2)										
Prepared: 02-Feb-09 Analyzed: 03-Feb-09										
MCPB [2C]	14400		µg/kg wet	670	20000		72	40-140		
MCPP	14100		µg/kg wet	670	20000		71	40-140		
MCPP [2C]	17300		µg/kg wet	670	20000		87	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.7*		µg/kg wet		*13.3*		*88*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [.	*11.7*		µg/kg wet		*13.3*		*88*	*30-150*		
LCS Dup (9020015-BSD1)										
Prepared: 02-Feb-09 Analyzed: 03-Feb-09										
2,4,5-T	31.9		µg/kg wet	6.70	33.3		96	40-140	11	25
2,4,5-T [2C]	33.1		µg/kg wet	6.70	33.3		99	40-140	7	25
2,4,5-TP (Silvex)	32.5		µg/kg wet	6.70	33.3		98	40-140	9	25
2,4,5-TP (Silvex) [2C]	35.9		µg/kg wet	6.70	33.3		108	40-140	9	25
2,4-D	29.4		µg/kg wet	6.70	33.3		88	40-140	9	25
2,4-D [2C]	28.7		µg/kg wet	6.70	33.3		86	40-140	8	25
2,4-DB	32.1		µg/kg wet	6.70	33.3		96	40-140	10	25
2,4-DB [2C]	31.5		µg/kg wet	6.70	33.3		94	40-140	6	25
Dalapon	20.4		µg/kg wet	6.70	33.3		61	40-140	2	25
Dalapon [2C]	20.7		µg/kg wet	6.70	33.3		62	40-140	7	25
Dicamba	30.9		µg/kg wet	6.70	33.3		93	40-140	6	25
Dicamba [2C]	29.7		µg/kg wet	6.70	33.3		89	40-140	0.2	25
Dichlorprop	34.3		µg/kg wet	6.70	33.3		103	40-140	4	25
Dichlorprop [2C]	31.0		µg/kg wet	6.70	33.3		93	40-140	11	25
Dinoseb	34.2		µg/kg wet	6.70	33.3		103	40-140	5	25
Dinoseb [2C]	36.3		µg/kg wet	6.70	33.3		109	40-140	4	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.4*		µg/kg wet		*13.3*		*86*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [.	*12.0*		µg/kg wet		*13.3*		*90*	*30-150*		
LCS Dup (9020015-BSD2)										
Prepared: 02-Feb-09 Analyzed: 03-Feb-09										
MCPA	13900		µg/kg wet	670	20000		69	40-140	1	25
MCPA [2C]	13900		µg/kg wet	670	20000		69	40-140	3	25
MCPB	14700		µg/kg wet	670	20000		73	40-140	0.5	25
MCPB [2C]	14400		µg/kg wet	670	20000		72	40-140	0	25
MCPP	14400		µg/kg wet	670	20000		72	40-140	2	25
MCPP [2C]	16300		µg/kg wet	670	20000		81	40-140	6	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.5*		µg/kg wet		*13.3*		*86*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [.	*11.8*		µg/kg wet		*13.3*		*89*	*30-150*		
Duplicate (9020015-DUP1) **Source: SA90344-04**										
Prepared: 02-Feb-09 Analyzed: 03-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

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9020015 - SW846 3550B										
Duplicate (9020015-DUP1) **Source: SA90344-04**										
Prepared: 02-Feb-09 Analyzed: 03-Feb-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)	*13.3*		µg/kg dry		*14.6*		*92*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*12.2*		µg/kg dry		*14.6*		*83*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9012000 - SW846 3550B										
Blank (9012000-BLK1)										
Prepared: 30-Jan-09 Analyzed: 02-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	*2.56*		mg/kg wet		*3.33*		*77*	*50-150*		
LCS (9012000-BS1)										
Prepared: 30-Jan-09 Analyzed: 02-Feb-09										
C9-C36 Aliphatic Hydrocarbons	59.0		mg/kg wet	13.3	93.3		63	60-120		
Surrogate: 1-Chlorooctadecane	*2.38*		mg/kg wet		*3.33*		*71*	*50-150*		
Duplicate (9012000-DUP1) **Source: SA90307-01**										
Prepared: 30-Jan-09 Analyzed: 02-Feb-09										
Gasoline	BRL		mg/kg dry	27.2		BRL				50
Fuel Oil #2	BRL		mg/kg dry	27.2		BRL				50
Fuel Oil #4	BRL		mg/kg dry	27.2		BRL				50
Fuel Oil #6	BRL		mg/kg dry	27.2		BRL				50
Motor Oil	BRL		mg/kg dry	27.2		BRL				50
Aviation Fuel	BRL		mg/kg dry	27.2		BRL				50
Unidentified	BRL		mg/kg dry	27.2		BRL				50
Other Oil	BRL		mg/kg dry	27.2		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	27.2		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	27.2		BRL				50
Surrogate: 1-Chlorooctadecane	*2.69*		mg/kg dry		*3.41*		*79*	*50-150*		
Matrix Spike (9012000-MS1) **Source: SA90307-01**										
Prepared: 30-Jan-09 Analyzed: 02-Feb-09										
C9-C36 Aliphatic Hydrocarbons	63.4		mg/kg dry	14.0	98.3	BRL	64	50-150		
Surrogate: 1-Chlorooctadecane	*2.57*		mg/kg dry		*3.51*		*73*	*50-150*		
Matrix Spike Dup (9012000-MSD1) **Source: SA90307-01**										
Prepared: 30-Jan-09 Analyzed: 02-Feb-09										
C9-C36 Aliphatic Hydrocarbons	66.4		mg/kg dry	13.8	96.9	BRL	68	50-150	6	30
Surrogate: 1-Chlorooctadecane	*2.75*		mg/kg dry		*3.46*		*79*	*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 9011820 - SW846 3050B										
Blank (9011820-BLK1)										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
Selenium	BRL		mg/kg wet	1.42						
Lead	BRL		mg/kg wet	1.42						
Silver	BRL		mg/kg wet	1.42						
Chromium	BRL		mg/kg wet	0.946						
Arsenic	BRL		mg/kg wet	1.42						
Cadmium	BRL		mg/kg wet	0.473						
Barium	BRL		mg/kg wet	0.946						
Duplicate (9011820-DUP1) **Source: SA90325-13**										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
Lead	23.2	QR6	mg/kg dry	1.80		6.91			108	20
Selenium	BRL		mg/kg dry	1.80		BRL				20
Cadmium	0.913	QR6	mg/kg dry	0.600		0.552			49	20
Arsenic	1.41	J,QR8	mg/kg dry	1.80		0.836			51	20
Silver	BRL		mg/kg dry	1.80		BRL				20
Chromium	16.2		mg/kg dry	1.20		13.9			15	20
Barium	50.5		mg/kg dry	1.20		52.7			4	20
Matrix Spike (9011820-MS1) **Source: SA90344-01**										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
Lead	123		mg/kg dry	1.58	132	8.96	86	75-125		
Selenium	123		mg/kg dry	1.58	132	BRL	93	75-125		
Silver	133		mg/kg dry	1.58	132	BRL	101	75-125		
Arsenic	131		mg/kg dry	1.58	132	2.44	98	75-125		
Chromium	146		mg/kg dry	1.05	132	16.9	98	75-125		
Cadmium	116		mg/kg dry	0.526	132	0.522	88	75-125		
Barium	306	QM9	mg/kg dry	1.05	132	225	62	75-125		
Matrix Spike Dup (9011820-MSD1) **Source: SA90344-01**										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
Lead	130		mg/kg dry	1.65	137	8.96	88	75-125	6	20
Selenium	127		mg/kg dry	1.65	137	BRL	93	75-125	4	20
Silver	139		mg/kg dry	1.65	137	BRL	101	75-125	4	20
Arsenic	136		mg/kg dry	1.65	137	2.44	97	75-125	4	20
Cadmium	122		mg/kg dry	0.549	137	0.522	89	75-125	6	20
Chromium	156		mg/kg dry	1.10	137	16.9	101	75-125	6	20
Barium	340		mg/kg dry	1.10	137	225	84	75-125	11	20
Reference (9011820-SRM1)										
Prepared: 28-Jan-09 Analyzed: 30-Jan-09										
Selenium	103		mg/kg wet	1.50	100		103	76.8-123.2		
Lead	36.5		mg/kg wet	1.50	36.8		99	77.5-122.4		
Arsenic	80.7		mg/kg wet	1.50	78.8		102	79.5-120.5		
Cadmium	64.2		mg/kg wet	0.500	71.2		90	80.9-119.9		
Silver	24.5		mg/kg wet	1.50	23.7		103	66.3-133.7		
Chromium	37.9		mg/kg wet	1.00	38.5		98	80.6-119.3		
Barium	196		mg/kg wet	1.00	183		107	82.6-117.1		
Reference (9011820-SRM2)										
Prepared: 28-Jan-09 Analyzed: 30-Jan-09										
Lead	35.3		mg/kg wet	1.50	37.2		95	77.5-122.4		
Selenium	107		mg/kg wet	1.50	101		105	76.8-123.2		

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 9011820 - SW846 3050B										
Reference (9011820-SRM2)										
Prepared: 28-Jan-09 Analyzed: 30-Jan-09										
Chromium	39.0		mg/kg wet	1.00	39.0		100	80.6-119.3		
Silver	25.1		mg/kg wet	1.50	24.0		105	66.3-133.7		
Arsenic	82.2		mg/kg wet	1.50	79.7		103	79.5-120.5		
Cadmium	66.8		mg/kg wet	0.500	72.0		93	80.9-119.9		
Barium	196		mg/kg wet	1.00	185		106	82.6-117.1		
Batch 9011823 - EPA200/SW7000 Series										
Blank (9011823-BLK1)										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
Mercury	BRL		mg/kg wet	0.0288						
Duplicate (9011823-DUP1) **Source: SA90325-13**										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
Mercury	0.0307	J,QR8	mg/kg dry	0.0349		0.0397			26	20
Matrix Spike (9011823-MS1) **Source: SA90344-01**										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
Mercury	0.536		mg/kg dry	0.0325	0.451	0.0077	117	75-125		
Matrix Spike Dup (9011823-MSD1) **Source: SA90344-01**										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
Mercury	0.498		mg/kg dry	0.0302	0.419	0.0077	117	75-125	7	20
Reference (9011823-SRM1)										
Prepared: 28-Jan-09 Analyzed: 29-Jan-09										
Mercury	3.14		mg/kg wet	0.0300	3.06		103	66-135		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9011835 - General Preparation										
Duplicate (9011835-DUP1) **Source: SA90344-02**										
Prepared & Analyzed: 28-Jan-09										
% Solids	91.5		%			89.3			2	20
Batch 9011836 - General Preparation										
Duplicate (9011836-DUP1) **Source: SA90338-03**										
Prepared & Analyzed: 28-Jan-09										
% Solids	86.3		%			85.7			0.7	20

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.
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.
QM9	The spike recovery for this QC sample is outside the established control limits. The sample results for the QC batch were accepted based on LCS or SRM recoveries within the control limits.
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.
R05	Elevated Reporting Limits due to the presence of high levels of non-target analytes.
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.
Nicole Leja

SA 90344 UL

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 fl
Hartford, CT

Project Mgr.: David Bressard

Invoice To: DAS # 44236

P.O. No.: _____ RQN: _____

Project No.: 127-17797-08012
Site Name: Hartford Busway
Location: Hartford State: CT
Sampler(s): Patrick J. de Paula

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOC 8260	SVOC 8270	CT ETPH	PCB 8080	Pesticides 8151	Total RCRA8 Metals	QA Reporting Notes: (check if needed)
SA90344-01	RSB-D19	1/23/09	830	G	So	7	3	2			X	X	X	X	X	X	
02	RSB-D20	"	900	"	"	"	"	"			"	"	"	"	"	"	
03	RSB-D21	"	930	"	"	"	"	"			"	"	"	"	"	"	
04	RSB-D16	"	1050	"	"	"	"	"			"	"	"	"	"	"	
05	RSB-AS0	"	1313	"	"	"	"	"			"	"	"	"	"	"	

☐ 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

☐ Fax results when available to (___) _____
[X] E-mail to patrick.depaula@tetratech.com
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient [X] 6.0

Relinquished by:	Received by:	Date:	Time:
Patrick dePaula	[illegible]	1/27/09	1005
[illegible]	[illegible]	1/27/09	1515

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.
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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.

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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 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

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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Fridge	127RAC-OH	Methanol/Deionized Water	06-Feb-09 14:50	09-Feb-09
SA90888-01				

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)											
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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Fridge	127RAC-OH	Methanol/Deionized Water	06-Feb-09 14:50	09-Feb-09
SA90888-01				

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)											
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

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*		

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						

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										

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

* 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)										
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 90888.EM

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 Inc
150 Trumbull Street 9th Fl
Hartford, CT 06103-2428

Project Mgr.: Joe Perko

Invoice To: → SAME

P.O. No.: _____ RQN: _____

Project No.: 127RAC-014
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	VOCs by 8260
90888 01	Fridge	2/6/09	14:50	G	7.9	7.9	3				X
↓ 02	Shelf	↓	14:50	↓	↓	↓	↓				↓

Containers: | Analyses:

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: 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 [signature]	2-9-09	1159

11 Almgren Drive • Agawam, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076 • www.spectrum-analytical.com