Task 210 – Subsurface Site Investigation Report
Proposed Reconstruction of Metro North Bridges Over Tomac & South Beach Avenues
Greenwich, Connecticut
State Project No. 301-0092
Assignment No. 403-3688

Submitted to:

Department of Transportation
Division of Environmental Compliance
PO Box 317546
2800 Berlin Turnpike
Newington, Connecticut 06131-7546

February 2009

TETRA TECH RIZZO

February 5, 2009

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Attention: Ms. Judith Nemecek/ Mr. Felix Mathieu

Re: Task 210 – Subsurface Site Investigation Report
Proposed Reconstruction of Metro North Bridges Over
Tomac & Sound Beach Avenues
Greenwich, Connecticut
State Project No. 301-0092
Assignment No. 403-3688

Dear Mr. Dorosh:

Rizzo Associates, Inc. is pleased to present the Task 210 – Subsurface Site Investigation for the Proposed Reconstruction of the Metro North Bridges over Tomac and Sound Beach Avenues in Greenwich, Connecticut. The Task 210 was prepared in accordance with the guidance documents presented in the 2003 Division of Environmental Compliance On-Call Contaminated Soil/Groundwater Scopes prepared by the Department of Transportation.

If you have any questions regarding the work presented in this report, please contact David P. Brassard at 860-241-8447.

Very truly yours,

FOR CK

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1.0 INTRODUCTION

On behalf of the Connecticut Department of Transportation (ConnDOT), Tetra Tech Rizzo (Tetra Tech) has conducted a Task 210 - Subsurface Site Investigation in association with the Proposed Reconstruction of the Metro North Bridges over Tomac and Sound Beach Avenues in Greenwich, Connecticut. The proposed project activities include the restoration of bridge abutments, the replacement of bridge support structures, and the extension of the pedestrian platform located at the Old Greenwich rail station on Sound Beach Avenue. Figure 1 depicts the project area.

This Task 210 - Subsurface Site Investigation was conducted in areas of anticipated construction and/or right-of-way activities for the bridge abutment work, the bridge support structures, and the foundations for the rail station passenger platform. The Task 210 sampling locations are depicted on Figures 2, 3 & 4.

The purpose of the Task 210 - Subsurface Site Investigation was to verify the absence or presence and location of subsurface contamination, and to assess the potential pollutant impacts to be encountered during construction. It is anticipated that Task 310 Plans and Specifications will subsequently be prepared to assess construction related activities (i.e. proper storage, classification, transport and disposal of contaminated materials), in relationship to the environmental conditions prevalent within the project limits, as well as to specify remedial work to be included in the Contract Bid Documents.

2.0 SITE DESCRIPTION

The Task 210 - Subsurface Site Investigation was conducted on land owned by the Metro North Railroad and the Town of Greenwich in areas of anticipated construction and/or right-of-way activities associated with the bridge replacements and pedestrian platform. The site area is depicted in Figures 2, 3, & 4.

3.0 LOCAL ENVIRONMENT & RECEPTORS

3.1 Groundwater & Topography

The CTDEP's "Environmental GIS Data for Connecticut" depicts the groundwater classification for the project corridor is GA. A GA groundwater classification indicates that groundwater may be within the area of influence of public and private wells, and is assumed suitable for direct human consumption without the need for treatment. The properties within the project corridor are connected to the public water distribution and municipal sewer systems. Groundwater was not encountered in any of the soil borings advanced during this investigation.

The project area is located within the Southwest Shoreline Regional Basin, within the Southwest Coast Major Drainage Basin. There are no surface water bodies located within the project corridor. The general topography of the project corridor slopes downward gently towards the south, in the direction of Long Island Sound.

3.2 Geology

The CTDEP's "Environmental GIS Data for Connecticut" indicates that the soil underlying the project corridor is till. The Bedrock Geological Map of Connecticut, compiled by John Rodgers in 1985, indicates that the bedrock unit underlying the project area is the Harrison Gneiss, which is an interlayered dark and light gray, medium-grained, foliated gneiss. Soils encountered during this investigation consisted of cobbley till. Also, fill comprised of ash and cinders were encountered in the borings conducted on the Metro North Railroad property. In addition, sampler refusal on a weathered gneiss (likely bedrock) occurred at depths ranging from 2 to 8 feet below grade in all of the borings advanced during this investigation.

4.0 SUBSURFACE INVESTIGATION

To evaluate environmental conditions in the proposed areas of construction, a comprehensive sampling program was conducted to evaluate soil within the limits of construction. The following subsections detail the investigation.

4.1 Geoprobe® Soil Borings & Soil Sample Analyses

On October 6, 2008, sixteen (16) Geoprobe® soil borings (RSB-1 through RSB-16) were advanced adjacent to the Sound Beach Avenue bridge, the Old Greenwich Railroad Station proposed pedestrian bridge platform, and the Tomac Avenue bridge. The Geoprobe® borings were advanced by Logical Environmental Solutions (LES), under the direction of Tetra Tech Rizzo. Borings RSB-1 to RSB-4, RSB-9 to RSB-12, and RSB-13 were completed with a track-mounted Geoprobe®. Based upon the presence of surficial bedrock beneath the roadway and the lack of access to the Metro North rail tracks (flagman did not show), borings RSB-5 to RSB-8, and RSB-14 to RSB-16 were completed with manual Geoprobe® tooling in locations slightly offset from their proposed locations. The locations of the Geoprobe® soil borings are depicted on Figures 2, 3, & 4.

The Geoprobe® soil borings were advanced to sampler refusal utilizing a 4-foot long, 2-inch diameter Macro Core Sampler with dedicated acetate liners. The soil samples were visually inspected in the field for staining, and described as to physical characteristics and soil type. In addition, the soil samples were screened in the field for total volatile organic compounds utilizing a MiniRae photoionization detector (PID). Soil boring logs were generated in the field by LES field personnel. The boring logs denote the types of soil encountered, the depth to groundwater and/or bedrock, the total depth reached in each boring, and the highest observed PID reading. Copies of the boring logs are included at the end of this report in Appendix A.

Based upon field screening results and visual observations, one (1) soil sample from each boring was placed in glassware supplied by Spectrum Analytical Laboratory, and stored in an ice-filled cooler. The analyses of all soil samples included volatile organic compounds (VOCs) utilizing

EPA Method 8260, petroleum hydrocarbons utilizing the Connecticut ETPH method, polycyclic aromatic hydrocarbons (PAHs) utilizing EPA Method 8270, polychlorinated biphenyls (PCBs) utilizing EPA Method 8082, herbicides utilizing EPA Method 8151, and total RCRA 8 metals. Selected soil samples were also analyzed for leachable (SPLP) RCRA 8 metals based upon the mass analyses results.

The Geoprobe® soil borings were back-filled and patched upon completion utilizing clean sand and/or hydrated bentonite. All down-hole sampling equipment was decontaminated between boring locations.

4.2 Project Quality Assurance/Quality Control Practices

To assess the collection of samples in the field in terms of the sampling techniques and decontamination procedures followed, quality control and quality assurance samples were collected during sampling activities. One (1) trip blank sample was prepared by Spectrum Analytical Laboratory and one (1) field blank sample was collected in the field. The field and trip blank samples were stored with the daily samples in the sample cooler until subsequent delivery to the laboratory. The field blank water sample was collected by pouring laboratory supplied de-ionized water through an acetate liner and macro-core cutting shoe, and collecting the rinsate in appropriate sample containers. The field blank sample was analyzed for the same parameters as the daily samples. The trip blank sample was analyzed for VOCs.

All samples collected in the field were stored in a manner that preserved the integrity of the sample chemistry. Samples intended for organic analyses were stored in an ice-filled cooler until delivery to the laboratory. Chain-of-Custody (COC) forms were filled out and accompanied all samples collected as a legal record of possession of the sample. The COC was initiated in the field and accompanied the containers during sample collection, transportation to the lab, analysis, and final disposal of the sample. All sampling equipment was either dedicated to a specific sample or was decontaminated prior to and between each use. Sampling equipment was not placed near solvents, gasoline, or materials that may have impacted the sample integrity.

5.0 DISCUSSION OF SAMPLE RESULTS

5.1 Regulatory Criteria

The CTDEP adopted Remediation Standard Regulations (Regulations of Connecticut State Agencies, Section 22a-133k-1 to 3 and 22a-133q-1) as of January 31, 1996. The Remediation Standard Regulations (RSRs) apply to any site undergoing voluntary remediation under Public Acts 95-183 or 95-190, a transfer of an "establishment" under Public Act 95-183, or any site as ordered by the CTDEP Commissioner. The Regulations also outline the processes for establishing alternative site-specific numerical standards for certain sites, upon approval by the CTDEP. The RSRs criteria applicable to the soil sampled during this investigation are summarized below. The application of these RSRs to the results of the laboratory analyses from this investigation is discussed in subsection 5.2 of this report.

Soils Criteria: The RSRs are organized into two sets of criteria: the Direct Exposure Criteria (DEC) and the Pollutant Mobility Criteria (PMC). The DEC and PMC are briefly explained in the following sub-sections, in relation to how they would be applicable to the types of analyses conducted on the soil samples collected for this investigation. Please refer to the RSRs for a complete explanation of the Regulations.

Direct Exposure Criteria

The purpose of the Direct Exposure Criteria (DEC) is to protect human health from risks associated with the direct contact with or ingestion of various common soil contaminants. The DEC are applicable to soil within approximately fifteen (15) feet of the ground surface. Concentrations of contaminants are evaluated based upon mass-based analyses and different criteria are established for residential and commercial/industrial properties. The use of the less stringent commercial/industrial standards requires the placement of a land use restriction on the property. The DEC are not applicable to inaccessible soils, including soil more than four (4) feet below the ground surface, two (2) feet below pavement greater than three (3) inches thick, or below an existing building, provided that an Environmental Land Use Restriction (ELUR) is placed in effect for the property.

Pollutant Mobility Criteria

The purpose of the Pollutant Mobility Criteria (PMC) is to evaluate the potential for contaminants to leach from the soil in concentrations that may degrade groundwater quality. Different numerical criteria are established for GA and GAA groundwater areas, versus GB groundwater areas. Since the site is situated in a GA groundwater area, the most stringent criteria apply.

5.2 Results of Soil Sample Analyses

Soil samples collected during the advancement of the Geoprobe® borings were sent to Spectrum Analytical Laboratory for laboratory analyses. Summaries of the laboratory results from the Geoprobe® boring soil samples are presented in Tables 1(a) to 1(d), which are located at the end of this report, and copies of the soil sample analytical results are included in Appendix B. The following summarizes the results of the analyses conducted on the soil samples.

None of the soil samples contained detectable concentrations of VOCs and herbicides. Petroleum hydrocarbons were detected at low concentrations ranging from 44.0 parts per million (ppm) to 456 ppm in the RSB-2, RSB-4, RSB-5, RSB-6, RSB-7, RSB-8, RSB-9, RSB-10, RSB-11, RSB-12, RSB-13, RSB-15, and RSB-16 soil samples. None of the concentrations detected exceed any applicable CTDEP RSR criteria.

PCBs were detected at low concentrations ranging from 0.0247 ppm to 0.742 ppm in the RSB-5, RSB-6, RSB-7, RSB-8, RSB-12, and RSB-13 soil samples. None of the concentrations detected exceed any applicable CTDEP RSR criteria.

Various concentrations of PAHs were detected in the soil samples, and total PAH concentrations ranged from Below Reporting Limits (BRL) to 17.674 ppm. Four (4) soil samples contained concentrations of PAHs that exceed applicable CTDEP RSR Criteria. The 0 to 2 foot soil sample from boring RSB-6 contained the compounds benzo(a)anthracene (1.5 ppm), benzo(a)pyrene (1.42 ppm), benzo(b)fluoranthene (1.7 ppm), benzo(k)fluoranthene (1.4 ppm),

and chrysene (1.77 ppm) at concentrations that exceed their respective GA PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene were detected at concentrations that exceed their respective Residential DEC. The compound benzo(a)pyrene was detected at a concentration that also exceeds its Commercial/Industrial DEC.

The 0 to 2 foot soil sample from boring RSB-8 contained the compounds benzo(a)anthracene (1.19 ppm), benzo(a)pyrene (1.26 ppm), benzo(b)fluoranthene (1.38 ppm), benzo(k)fluoranthene (1.28 ppm), and chrysene (1.51 ppm) at concentrations that exceed their respective GA PMC. The compounds benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene were also detected at concentrations that exceed their respective Residential DEC. In addition, the compound benzo(a)pyrene was detected at a concentration that exceeds its Commercial/Industrial DEC.

The 0 to 4 foot soil sample from boring RSB-12 contained the compounds benzo(a)anthracene (1.24 ppm), benzo(a)pyrene (1.01 ppm), benzo(b)fluoranthene (1.13 ppm), benzo(k)fluoranthene (1.13 ppm), and chrysene (1.33 ppm) at concentrations that exceed their respective GA PMC. The compounds benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene were also detected at concentrations that exceed their respective Residential DEC. In addition, the compound benzo(a)pyrene was detected at a concentration that exceeds its Commercial/Industrial DEC.

The 0 to 2 foot soil sample from boring RSB-15 contained the compounds benzo(a)anthracene (1.56 ppm), benzo(a)pyrene (1.5 ppm), benzo(b)fluoranthene (1.88 ppm), benzo(k)fluoranthene (1.91 ppm), and chrysene (2.12 ppm) at concentrations that exceed their respective GA PMC. The compounds benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene were also detected at concentrations that exceed their respective Residential DEC. In addition, the compound benzo(a)pyrene was detected at a concentration that exceeds its Commercial/Industrial DEC.

Total concentrations of the metals arsenic, barium, cadmium, chromium, lead, mercury, and selenium were detected at varying concentrations in the soil samples. Based upon the mass analyses, selected samples were also submitted for leachable (SPLP) RCRA 8 metals if the potential existed for exceeding the CTDEP's PMC (20 times rule). The 0 to 2 foot sample from boring RSB-8 contained total chromium at a concentration of 105 ppm, which exceeds the Residential and Commercial/Industrial DEC of 100 ppm. The 0 to 2 foot sample from boring RSB-15 contained total arsenic at a concentration of 14.8 ppm, which exceeds the Residential and Commercial/Industrial DEC of 10 ppm. No other soil samples contained total metals at concentrations that exceed any applicable CTDEP RSR criteria.

Leachable lead was detected at elevated concentrations that exceed the GA PMC of 0.015 ppm in the following samples: 2 to 4 foot sample from RSB-4 (0.0748 ppm); the 0 to 2 foot sample from RSB-6 (0.0188 ppm); the 0 to 2 foot sample from RSB-8 (0.0974 ppm); 0 to 3 foot sample from RSB-9 (0.0346 ppm); the 0 to 4 foot sample from RSB-12 (0.0156 ppm); the 0 to 2 foot sample from RSB-15 (0.1 ppm); and the 0 to 2 foot sample from RSB-16 (0.0118 ppm). No other soil samples contained leachable concentrations of metals that exceed any applicable CTDEP RSR criteria.

5.3 Quality Assurance/Quality Control Samples

The trip blank sample (TB-1) did not contain detectable concentrations of VOCs. The field blank sample (FB-1) did not contain detectable concentrations of petroleum hydrocarbons, PAHs, PCBs, and herbicides. The field blank sample did contain benzene at a concentration of 1.2 parts per billion (ppb). Benzene was not detected in any of the soil samples and its presence in the field blank sample is likely due to laboratory or field contamination of the blank water. In addition, total barium was detected in the field blank sample at a concentration of 0.0052 ppm. The presence of the low barium concentration in the field blank sample is negligible and is likely due to field or laboratory contamination. Copies of the analytical reports associated with the quality assurance/quality control samples are included in Appendix C.

6.0 DISCUSSION OF AFFECTED RESOURCES

Based upon the results of laboratory analyses performed on the soil samples for this Task 210 investigation, five (5) soil areas of environmental concern (AOECs) have been identified where contaminants are present at concentrations that exceed applicable CTDEP RSR criteria. In addition, the remainder of the project site has been designated as a low-level area of environmental concern (LLAOEC) for soil, due to the widespread presence of shallow soil contamination detected at concentrations below applicable CTDEP RSR standards, but above laboratory detection limits. The locations of the AOECs within the project area are discussed in the following sections.

AOEC #1: Sound Beach Avenue: Area Encompassing Borings RSB-4 & RSB-8:

Analytical results from the soil samples collected from borings RSB-4 and RSB-8 indicate the presence of PAH, total chromium, and leachable lead contamination at elevated concentrations in shallow soil ranging from 0 to 4 feet below grade. The contamination detected exceeds the GA PMC, Residential DEC, and Commercial/Industrial DEC.

AOEC #2: Sound Beach Avenue: Area Encompassing Boring RSB-6:

Analytical results from the soil sample collected from boring RSB-6 indicates the presence of PAH and leachable lead contamination at elevated concentrations in shallow soil ranging from 0 to 2 feet below grade. The contamination detected exceeds the GA PMC, Residential DEC, and Commercial/Industrial DEC.

AOEC #3: Proposed Pedestrian Platform: Area Encompassing Boring RSB-9:

Analytical results from the soil sample collected from boring RSB-6 indicates the presence of leachable lead contamination at an elevated concentration in shallow soil ranging from 0 to 3 feet below grade. The contamination detected exceeds the GA PMC.

AOEC #4: Proposed Pedestrian Platform: Area Encompassing Boring RSB-12:

Analytical results from the soil sample collected from boring RSB-6 indicates the presence of PAH and leachable lead contamination at elevated concentrations in shallow soil ranging from 0 to 4 feet below grade. The contamination detected exceeds the GA PMC.

AOEC #5: Tomac Avenue: Area Encompassing Borings RSB-15 & RSB-16:

Analytical results from the soil samples collected from borings RSB-15 and RSB-16 indicate the presence of PAH, total arsenic, and leachable lead contamination at elevated concentrations in shallow soil ranging from 0 to 2 feet below grade. The contamination detected exceeds the GA PMC, Residential DEC, and Commercial/Industrial DEC.

7.0 RECOMMENDATIONS

The results of the Task 210 – Subsurface Site Investigation for the Proposed Reconstruction of the Metro North Bridges over Tomac and Sound Beach Avenues in Greenwich, Connecticut indicated the presence of PAH, total arsenic, total chromium, and leachable lead contamination in shallow soil samples collected from the project area, at concentrations that exceed the applicable RSR criteria. The contamination was detected in soils ranging in depth from 0 to 4 feet below grade. Five (5) Areas of Environmental Concern (AOECs) for soil have been identified within the project area. In addition, the remainder of the project site has been designated a Low Level Area of Environmental Concern (LLAOEC) for soil due to the widespread presence of contaminants present in surficial soil ranging from the surface to 8 feet below grade. Special considerations for treatment/disposal, dewatering activities, and worker health and safety must be given to these areas in order to ensure compliance with all local, State and Federal laws. Task 310 Plans and Specifications are therefore recommended for the areas of construction within the Areas of Environmental Concern and Low-Level Area of Environmental Concern described in Section 6.0.

8.0 LIMITATIONS

All work product and reports provided by Tetra Tech Rizzo in connection with the performance of this Task 210 - Subsurface Site Investigation are subject to the following 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 provided to ConnDOT.

2. In preparing this report, Tetra Tech Rizzo has relied on certain information provided by State and local officials and information and representations made by other parties referenced therein, and on information contained in the files of State and/or local agencies made available to Tetra Tech Rizzo at the time of this investigation. To the extent that such files are missing, incomplete or not provided to Tetra Tech Rizzo, Tetra Tech Rizzo is not responsible. Although there may have been some degree of overlap in the information provided by these various sources, Tetra Tech Rizzo did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this investigation.

3. The conclusions and recommendations contained in this report are based in part upon the data from subsurface explorations. The nature and extent of variations between these explorations may not become evident until further explorations are completed. If variations or other latent conditions become evident, it will be necessary to re-evaluate the conclusions and recommendations of this report.

4. The water level readings made for this investigation were made at the times and conditions stated on the boring logs. However, it must be noted that fluctuations in the level of the groundwater may occur due to variations in rainfall, passage of time and other factors. Should additional data become available in the future, these data should be reviewed by Tetra Tech Rizzo, and the conclusions and recommendations presented herein modified accordingly.

5. Where quantitative laboratory analyses have been conducted by an outside certified laboratory, Tetra Tech Rizzo has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these tests.

6. If the conclusions and recommendations contained in this report are based, in part, upon various types of chemical data then the conclusions and recommendations are contingent upon the validity of such data. These data have been reviewed and interpretations made in the report. 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 by Tetra Tech Rizzo and the conclusions and recommendations presented herein modified accordingly.

7. Chemical analyses were performed for specific parameters during the course of this investigation, as described in the text. However, it should be noted that testing for all known chemical constituents was not performed. The conclusions and recommendations contained in this report are based only upon the chemical constituents for which testing was accomplished.

The activities described and opinions included herein are based on information gathered during this exploratory site investigation which was limited in scope in adherence to the terms of our agreement. The professional opinion provided herein is based on the information described in this report. The information contained herein was prepared for the use of ConnDOT solely in conjunction with the task descriptions for this assignment. The conclusions and recommendations set forth in this report are based on site conditions at the time of the investigation. Future studies and findings could change the contents of this report. The professional opinions presented in this report have been developed by using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable environmental engineering consultants practicing in this or similar localities. No other warranty, expressed or implied, is made as to the professional opinions included in this report.

Tables

TABLE 1(a): Results of Soil Sample Analyses
Proposed Reconstruction of the Metro North Bridge Over Sound Beach Avenue
Greenwich, Connecticut

Boring I.D.: Sample Depth:	RSB-1 4'-7.5'	RSB-2 4'-8'	RSB-3 2'-4'	RSB-4 2'-4'	CTDEP PMC GA Groundwater Area	CTDEP DEC Residential/Commercial & Industrial
TPH – CT ETPH (ppm)	BRL	63.0	BRL	46.0	500 ppm	500/2,500 ppm
VOCs - EPA Method 8260 (ppm)	BRL	BRL	BRL	BRL		
PAHs - EPA Method 8270 (ppm)	BRL	BRL	BRL	BRL		
PCBs – EPA Method 8082 (ppm)	BRL	BRL	BRL	BRL		1/10 ppm
Herbicides – EPA Method 8151 (ppm)	BRL	BRL	BRL	BRL		
Total RCRA 8 Metals (ppm)						
Barium	127	386	163	186		4,700/140,000 ppm
Cadmium	0.723	BRL	1.06	0.967		34/1,000 ppm
Chromium	18.1	58.7	37.1	69.8		100/100 ppm
Lead	11.2	28.9	10.4	17.7		500/1,000 ppm
Mercury	BRL	BRL	0.0579	0.0496		20/610 ppm
SPLP Selected RCRA 8 Metals (ppm)						
Barium	0.015	0.0088	0.02	0.0117	1.0 ppm	
Cadmium	BRL	NA	BRL	BRL	0.005 ppm	
Chromium	BRL	BRL	BRL	BRL	0.05 ppm	
Lead	BRL	BRL	BRL	***0.0748***	**0.015 ppm**	
Mercury	NA	NA	BRL	BRL	0.002 ppm	

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

NA – Not Analyzed for this parameter

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

TABLE 1(b): Results of Soil Sample Analyses
Proposed Reconstruction of the Metro North Bridge Over Sound Beach Avenue
Greenwich, Connecticut

Boring I.D.: Sample Depth:	RSB-5 0'-2'	RSB-6 0'-2'	RSB-7 0'-2'	RSB-8 0'-2'	CTDEP PMC GA Groundwater Area	CTDEP DEC Residential/Commercial & Industrial
TPH – CT ETPH (ppm)	261	395	191	396	500 ppm	500/2,500 ppm
VOCs - EPA Method 8260 (ppm)	BRL	BRL	BRL	BRL		
PAHs - EPA Method 8270 (ppm)						
Anthracene	BRL	0.413	BRL	0.258	40 ppm	1,000/2,500 ppm
Benzo(a)anthracene	0.685	***1.5***	0.364	***1.19***	**1 ppm**	1/7.8 ppm
Benzo(a)pyrene	0.682	***1.42***	0.354	***1.26***	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	0.675	***1.7***	0.403	***1.38***	**1 ppm**	1/7.8 ppm
Benzo(g,h,i)perylene	0.324	0.526	BRL	0.59	4.2 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	0.773	***1.4***	0.411	***1.28***	**1 ppm**	8.4/78 ppm
Chrysene	0.886	***1.77***	0.465	***1.51***	**1 ppm**	84/780 ppm
Fluoranthene	1.4	2.84	0.745	2.6	5.6 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	0.361	0.658	0.181	0.655	1 ppm	1/7.8 ppm
Phenanthrene	0.361	0.853	0.176	0.694	4 ppm	1,000/2,500 ppm
Pyrene	1.27	2.72	0.642	2.26	4 ppm	1,000/2,500 ppm
Total PAHs	7.417	15.8	3.741	13.677		
PCBs – EPA Method 8082 (ppm)						
PCB-1260	0.0656	0.138	0.0247	0.0473		1/10 ppm
Herbicides – EPA Method 8151 (ppm)	BRL	BRL	BRL	BRL		
Total RCRA 8 Metals (ppm)						
Arsenic	1.91	2.54	1.73	4.26		10/10 ppm
Barium	162	130	178	315		4,700/140,000 ppm
Cadmium	1.54	1.28	1.14	1.54		34/1,000 ppm
Chromium	43.7	57.0	49.0	***105***		**100/100 ppm**
Lead	124	225	64.5	52.6		500/1,000 ppm
Mercury	0.0931	0.155	0.102	0.0514		20/610 ppm
SPLP Selected RCRA 8 Metals (ppm)						
Arsenic	BRL	BRL	BRL	BRL	0.05 ppm	
Barium	0.0135	0.0082	0.0148	0.017	1.0 ppm	
Cadmium	BRL	BRL	BRL	BRL	0.005 ppm	
Chromium	BRL	BRL	BRL	BRL	0.05 ppm	
Lead	BRL	***0.0188***	0.0123	***0.0974***	**0.015 ppm**	
Mercury	BRL	BRL	BRL	BRL	0.002 ppm	

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

NA – Not Analyzed for this parameter

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

TABLE 1(c): Results of Soil Sample Analyses
Metro North Railroad Old Greenwich Station Pedestrian Platform
Greenwich, Connecticut

Boring I.D.:	RSB-9	RSB-10	RSB-11	RSB-12	CTDEP PMC GA Groundwater Area	CTDEP DEC Residential/Commercial & Industrial
Sample Depth:	0'-3'	4'-8'	0'-3'	0'-4'		
TPH – CT ETPH (ppm)	177	51.9	44.0	289	500 ppm	500/2,500 ppm
VOCs - EPA Method 8260 (ppm)	BRL	BRL	BRL	BRL		
PAHs - EPA Method 8270 (ppm)						
Acenaphthylene	BRL	BRL	BRL	0.295	8.4 ppm	1,000/2,500 ppm
Anthracene	BRL	BRL	BRL	0.279	40 ppm	1,000/2,500 ppm
Benzo(a)anthracene	0.265	BRL	BRL	***1.24***	**1 ppm**	1/7.8 ppm
Benzo(a)pyrene	0.233	BRL	BRL	***1.01***	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	0.41	BRL	BRL	***1.13***	**1 ppm**	1/7.8 ppm
Benzo(g,h,i)perylene	BRL	BRL	BRL	0.347	4.2 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	0.349	BRL	BRL	***1.13***	**1 ppm**	8.4/78 ppm
Chrysene	0.494	BRL	BRL	***1.33***	**1 ppm**	84/780 ppm
Fluoranthene	0.411	BRL	BRL	2.28	5.6 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	BRL	BRL	BRL	0.442	1 ppm	1/7.8 ppm
1-Methylnaphthalene	0.472	BRL	BRL	BRL	No Standard	No Standard
2-Methylnaphthalene	0.216	BRL	BRL	BRL	0.98 ppm	474/2,500 ppm
Naphthalene	0.368	BRL	BRL	BRL	5.6 ppm	1,000/2,500 ppm
Phenanthrene	0.319	BRL	BRL	0.439	4 ppm	1,000/2,500 ppm
Pyrene	0.487	BRL	BRL	2.54	4 ppm	1,000/2,500 ppm
Total PAHs	4.024	BRL	BRL	12.462		
PCBs – EPA Method 8082 (ppm)						
PCB-1260	BRL	BRL	BRL	0.742		1/10 ppm
Herbicides – EPA Method 8151 (ppm)	BRL	BRL	BRL	BRL		
Total RCRA 8 Metals (ppm)						
Arsenic	3.36	BRL	BRL	3.34		10/10 ppm
Barium	174	147	12.0	34.5		4,700/140,000 ppm
Cadmium	1.26	0.761	BRL	1.01		34/1,000 ppm
Chromium	73.4	47.8	9.81	13.3		100/100 ppm
Lead	42.3	8.76	7.39	74.8		500/1,000 ppm
Mercury	0.075	BRL	BRL	0.0339		20/610 ppm
SPLP Selected RCRA 8 Metals (ppm)						
Arsenic	0.0048	NA	NA	BRL	0.05 ppm	
Barium	0.015	0.0132	NA	0.0072	1.0 ppm	
Cadmium	BRL	BRL	NA	BRL	0.005 ppm	
Chromium	0.005	BRL	BRL	BRL	0.05 ppm	
Lead	***0.0346***	BRL	BRL	***0.0156***	**0.015 ppm**	
Mercury	BRL	NA	NA	NA	0.002 ppm	

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

NA – Not Analyzed for this parameter

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

TABLE 1(d): Results of Soil Sample Analyses
Proposed Reconstruction of the Metro North Bridge Over Tomac Avenue
Greenwich, Connecticut

Boring I.D.: Sample Depth:	RSB-13 2'-4'	RSB-14 0'-2'	RSB-15 0'-2'	RSB-16 0'-2'	CTDEP PMC GA Groundwater Area	CTDEP DEC Residential/Commercial & Industrial
TPH – CT ETPH (ppm)	90.6	BRL	456	239	500 ppm	500/2,500 ppm
VOCs - EPA Method 8260 (ppm)	BRL	BRL	BRL	BRL		
PAHs - EPA Method 8270 (ppm)						
Acenaphthylene	BRL	BRL	0.621	0.179	8.4 ppm	1,000/2,500 ppm
Benzo(a)anthracene	0.295	BRL	***1.56***	0.436	**1 ppm**	1/7.8 ppm
Benzo(a)pyrene	0.221	BRL	***1.5***	0.379	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	0.346	BRL	***1.88***	0.615	**1 ppm**	1/7.8 ppm
Benzo(g,h,i)perylene	BRL	BRL	0.555	0.149	4.2 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	0.317	BRL	***1.91***	0.469	**1 ppm**	8.4/78 ppm
Chrysene	0.456	BRL	***2.12***	0.681	**1 ppm**	84/780 ppm
Fluoranthene	0.492	BRL	2.28	0.833	5.6 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	BRL	BRL	0.681	0.196	1 ppm	1/7.8 ppm
1-Methylnaphthalene	BRL	BRL	0.725	0.236	No Standard	No Standard
2-Methylnaphthalene	BRL	BRL	0.35	BRL	0.98 ppm	474/2,500 ppm
Phenanthrene	0.167	BRL	0.762	0.297	4 ppm	1,000/2,500 ppm
Pyrene	0.608	BRL	2.73	0.874	4 ppm	1,000/2,500 ppm
Total PAHs	2.902	BRL	17.674	5.344		
PCBs – EPA Method 8082 (ppm)						
PCB-1260	0.0581	BRL	BRL	BRL		1/10 ppm
Herbicides – EPA Method 8151 (ppm)	BRL	BRL	BRL	BRL		
Total RCRA 8 Metals (ppm)						
Arsenic	4.24	2.02	***14.8***	8.59		**10/10 ppm**
Barium	336	129	57.7	49.0		4,700/140,000 ppm
Cadmium	2.25	0.862	1.38	1.09		34/1,000 ppm
Chromium	119	67.0	17.0	16.2		100/100 ppm
Lead	42.6	6.93	101	80.4		500/1,000 ppm
Mercury	0.0448	BRL	0.0657	0.0652		20/610 ppm
Selenium	1.54	BRL	BRL	BRL		340/10,000 ppm
SPLP Selected RCRA 8 Metals (ppm)						
Arsenic	BRL	BRL	0.044	BRL	0.05 ppm	
Barium	0.015	0.0057	0.012	0.0086	1.0 ppm	
Cadmium	BRL	BRL	BRL	BRL	0.005 ppm	
Chromium	0.0054	BRL	BRL	BRL	0.05 ppm	
Lead	BRL	BRL	***0.1***	***0.0118***	**0.015 ppm**	
Mercury	BRL	NA	BRL	BRL	0.002 ppm	
Selenium	BRL	NA	NA	NA	0.05 ppm	

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

NA – Not Analyzed for this parameter

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

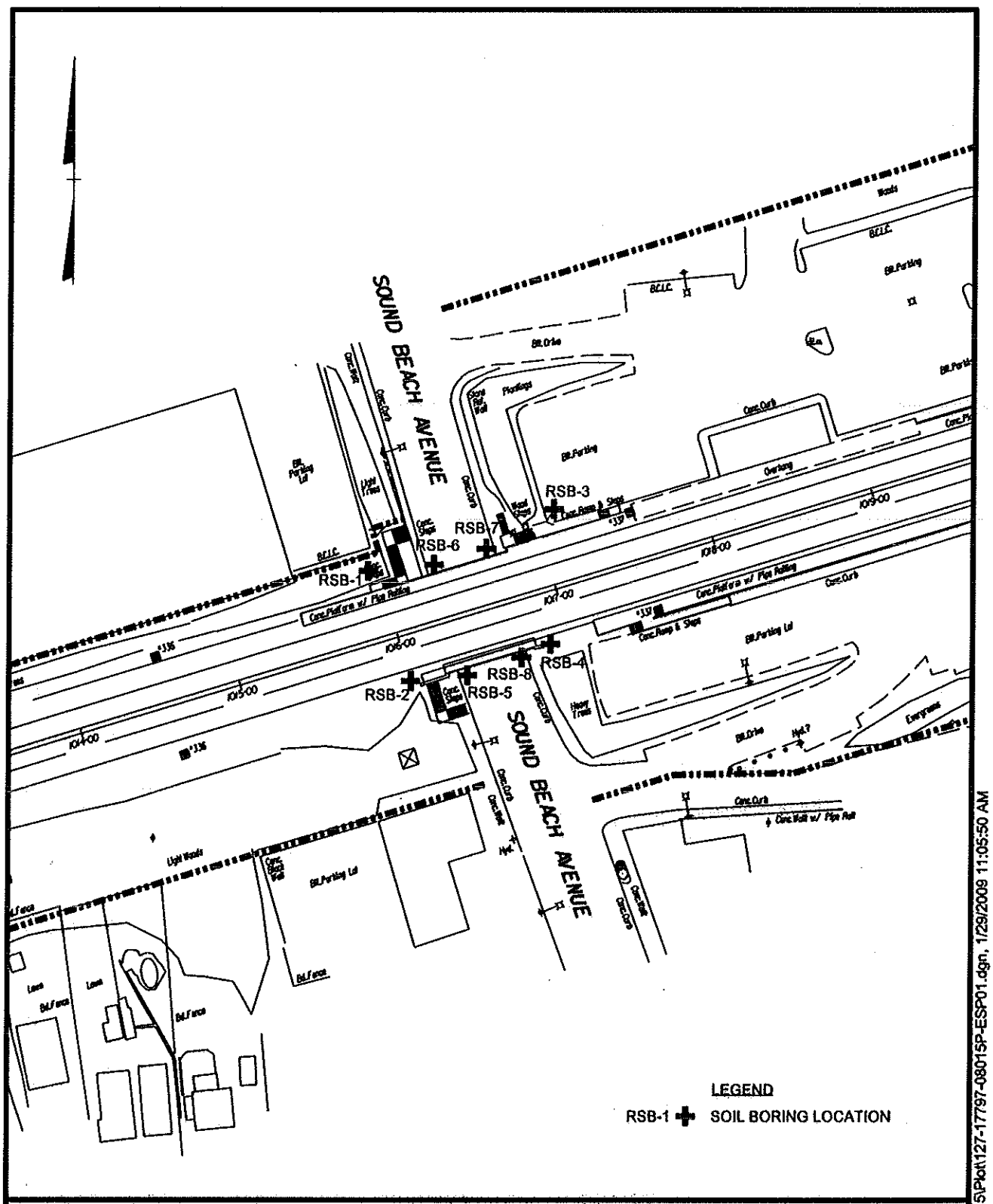
Figures

FIGURE 1 – SITE LOCATION PLAN

Proposed Reconstruction of the Metro North Bridges

Over Tomac and Sound Beach Avenues

Greenwich, Connecticut



TETRA TECH RIZZO

0 60'±

Metro-North
Sound Beach Avenue Bridge
Greenwich, Connecticut

Soil Boring
Location Plan

Figure
2

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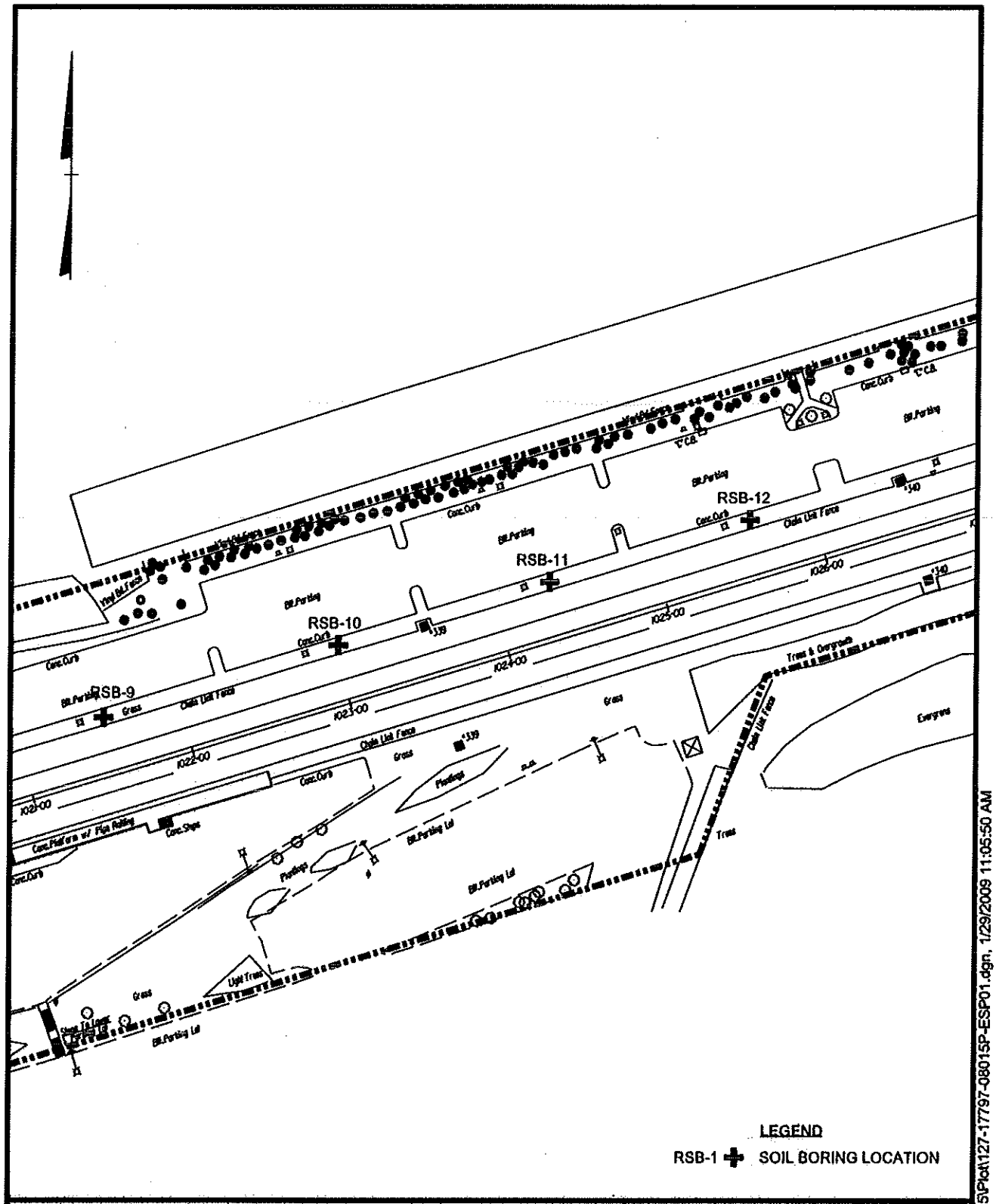

Metro-North
Old Greenwich Rail Station
Greenwich, Connecticut

TETRA TECH RIZZO

0 80'±

Soil Boring
Location Plan

Figure
3

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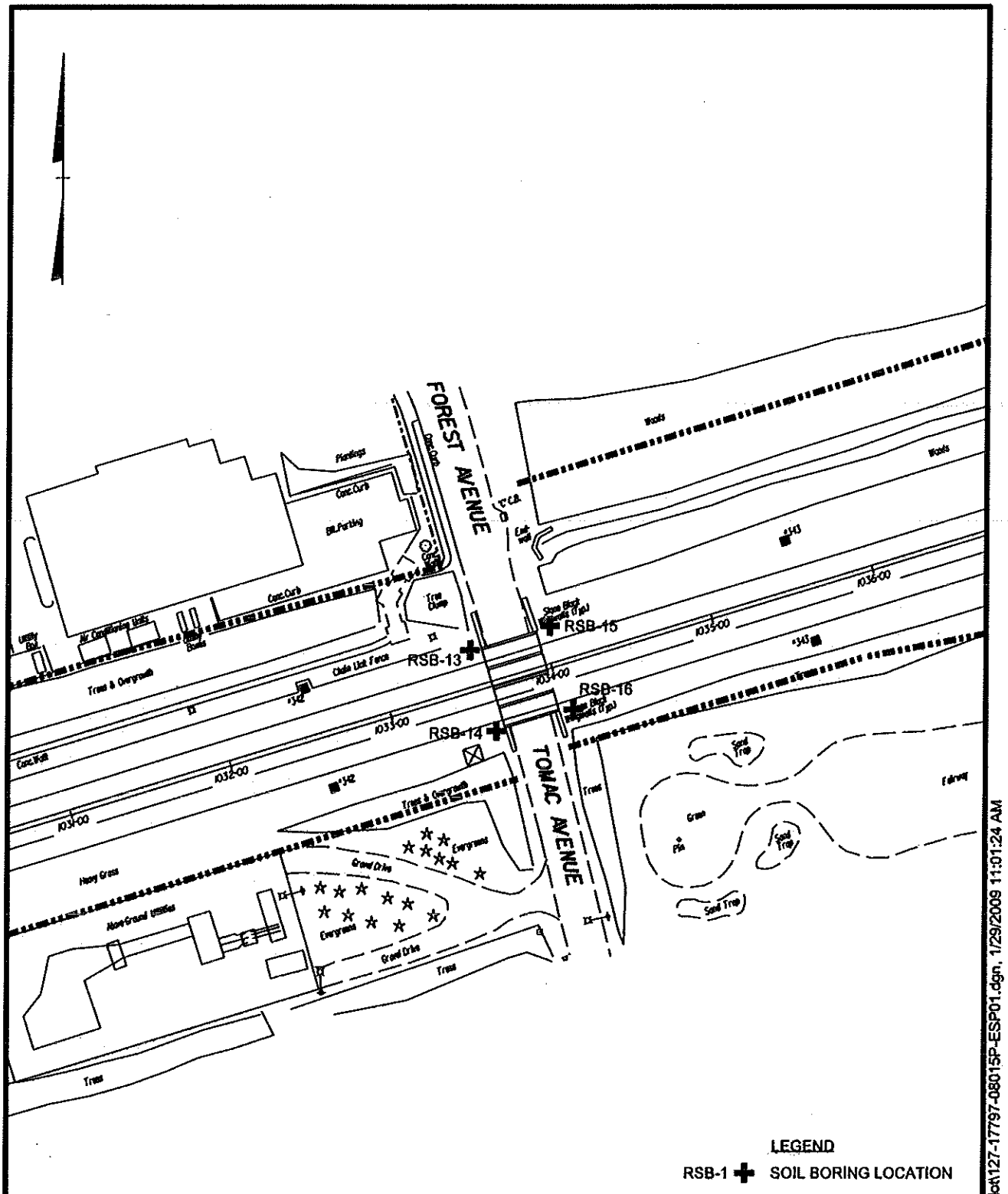

TETRA TECH RIZZO

0 80'±

Metro-North
Tomac Avenue / Forest Avenue Bridge
Greenwich, Connecticut

Soil Boring
Location Plan

Figure
4

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Appendix A

SOIL BORING LOG

Project: MNRR Bridges & Pedestrian Platform	**Boring:** RSB-1
Location: Greenwich, CT	**Inspector:** C. Smolin
Client: TT Rizzo	**Date:** 10-6-08

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Brown fine SAND & SILT, trace fine Gravel	0.8		
1.0		Brown fine to medium SAND, little Silt, trace fine to coarse Gravel	1.5	0	Macro Core 0'-2'
2.0					
3.0		Brown fine SAND & SILT with seams of weathered Gneiss Cobbles		0	Macro Core 2'-4'
4.0					
5.0		Grading to Orange-Brown fine SAND, little Silt with seams of weathered Gneiss Cobbles			
6.0				0.2	Macro Core 4'-7.5'
7.0			7.5		
8.0					
9.0		Refusal at 7.5' on GNEISS			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry	**Depth to Water:** Dry	**Boring Dia.:** 2"
Rig: Geoprobe 540M	**Boring Depth:** 7.5'	**Page:** 1 of 1

SOIL BORING LOG

Project: MNRR Bridges & Pedestrian Platform	**Boring:** RSB-2
Location: Greenwich, CT	**Inspector:** C. Smolin
Client: TT Rizzo	**Date:** 10-6-08

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"	0.4		
1.0				0.3	Macro Core 0'-2'
2.0					
3.0				2.4	Macro Core 2'-4'
4.0		Brown to Gray fine to medium SAND, little Silt, trace fine to coarse Gravel with seams of weathered Gneiss Cobbles			
5.0					
6.0				6.0	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0		Refusal at 8' on GNEISS			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry	**Depth to Water:** Dry	**Boring Dia.:** 2"
Rig: Geoprobe 540M	**Boring Depth:** 8'	**Page:** 1 of 1

SOIL BORING LOG

Project: MNRR Bridges & Pedestrian Platform	**Boring:** RSB-3
Location: Greenwich, CT	**Inspector:** C. Smolin
Client: TT Rizzo	**Date:** 10-6-08

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 4"	0.4		
1.0		Brown to Gray fine to medium SAND, little Silt, trace fine to coarse Gravel	1.5	0.1	Macro Core 0'-2'
2.0		Light-Brown fine to medium SAND, little Silt			
3.0			3.0	0.4	Macro Core 2'-4'
4.0		Brown fine to coarse SAND with seams of weather Gneiss Cobbles	4.5		
5.0					
6.0		Weathered GNEISS		0	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0		Refusal at 8' on GNEISS			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry	**Depth to Water:** Dry	**Boring Dia.:** 2"
Rig: Geoprobe 540M	**Boring Depth:** 8'	**Page:** 1 of 1

SOIL BORING LOG

Project: MNRR Bridges & Pedestrian Platform	**Boring:** RSB-4
Location: Greenwich, CT	**Inspector:** C. Smolin
Client: TT Rizzo	**Date:** 10-6-08

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"	0.4		
1.0				0	Macro Core 0'-2'
2.0					
3.0		Brown fine to coarse SAND, little fine to coarse Gravel with seams of Gneiss Cobble		0.3	Macro Core 2'-4'
4.0					
5.0				0	Macro Core 4'-6'
6.0			6.0		
7.0					
8.0		Refusal at 6' on GNEISS			
9.0					
10.0					
11.0					
12.0					

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

Driller: W. Lineberry	**Depth to Water:** Dry	**Boring Dia.:** 2"
Rig: Geoprobe 540M	**Boring Depth:** 6'	**Page:** 1 of 1

SOIL BORING LOG

Project: MNRR Bridges & Pedestrian Platform	**Boring:** RSB-5
Location: Greenwich, CT	**Inspector:** C. Smolin
Client: TT Rizzo	**Date:** 10-6-08

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Brown fine SAND & SILT, trace fine Gravel	0.5		
1.0		Brown fine to medium SAND, little Silt, trace fine to coarse Gravel	1.0	0.3	Macro Core 0'-2'
		Brown fine SAND & SILT with seams of weathered Gneiss Cobbles	2.0		
2.0					
3.0					
4.0		Refusal at 2' on GNEISS			
5.0					
6.0					
7.0					
8.0					
9.0					
10.0					
11.0					
12.0					

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

Driller: W. Lineberry	**Depth to Water:** Dry	**Boring Dia.:** 2"
Rig: Manual Geoprobe	**Boring Depth:** 2'	**Page:** 1 of 1

SOIL BORING LOG

Project: MNRR Bridges & Pedestrian Platform
Boring: RSB-6
Location: Greenwich, CT
Inspector: C. Smolin
Client: TT Rizzo
Date: 10-6-08

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Brown fine SAND & SILT, trace fine Gravel	0.5		
1.0		Brown fine to medium SAND, little Silt, trace fine to coarse Gravel	1.0	1.0	Macro Core 0'-2'
		Brown fine SAND & SILT with seams of weathered Gneiss Cobbles	2.0		
2.0					
3.0					
4.0		Refusal at 2' on GNEISS			
5.0					
6.0					
7.0					
8.0					
9.0					
10.0					
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: Dry
Boring Dia.: 2"
Rig: Manual Geoprobe
Boring Depth: 2'
Page: 1 of 1

SOIL BORING LOG

Project: MNRR Bridges & Pedestrian Platform	**Boring:** RSB-7
Location: Greenwich, CT	**Inspector:** C. Smolin
Client: TT Rizzo	**Date:** 10-6-08

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Brown fine SAND & SILT, trace fine Gravel	0.5		
1.0		Brown fine to medium SAND, little Silt, trace fine to coarse Gravel	1.0	0.7	Macro Core 0'-2'
		Brown fine SAND & SILT with seams of weathered Gneiss Cobbles	2.0		
2.0					
3.0					
4.0		Refusal at 2' on GNEISS			
5.0					
6.0					
7.0					
8.0					
9.0					
10.0					
11.0					
12.0					

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

Driller: W. Lineberry	**Depth to Water:** Dry	**Boring Dia.:** 2"
Rig: Manual Geoprobe	**Boring Depth:** 2'	**Page:** 1 of 1

SOIL BORING LOG

Project: MNRR Bridges & Pedestrian Platform
Boring: RSB-8
Location: Greenwich, CT
Inspector: C. Smolin
Client: TT Rizzo
Date: 10-6-08

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Brown fine SAND & SILT, trace fine Gravel	0.5		
1.0		Brown fine to medium SAND, little Silt, trace fine to coarse Gravel	1.0	1.3	Macro Core 0'-2'
		Brown fine SAND & SILT with seams of weathered Gneiss Cobbles	2.0		
2.0					
3.0					
4.0		Refusal at 2' on GNEISS			
5.0					
6.0					
7.0					
8.0					
9.0					
10.0					
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: Dry
Boring Dia.: 2"
Rig: Manual Geoprobe
Boring Depth: 2'
Page: 1 of 1

SOIL BORING LOG

Project: MNRR Bridges & Pedestrian Platform	**Boring:** RSB-9
Location: Greenwich, CT	**Inspector:** C. Smolin
Client: TT Rizzo	**Date:** 10-6-08

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Brown fine SAND & SILT, trace fine Gravel	0.4		
1.0 2.0		Dark-Brown fine to medium SAND, trace Cinders with seams of weathered Gneiss	3.0	0.6	Macro Core 0'-3'
3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0		Refusal at 3' on GNEISS			

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

Driller: W. Lineberry	**Depth to Water:** Dry	**Boring Dia.:** 2"
Rig: Geoprobe 540M	**Boring Depth:** 3'	**Page:** 1 of 1

SOIL BORING LOG

Project: MNRR Bridges & Pedestrian Platform	**Boring:** RSB-10
Location: Greenwich, CT	**Inspector:** C. Smolin
Client: TT Rizzo	**Date:** 10-6-08

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Brown fine SAND & SILT, trace fine Gravel	0.4		
1.0					
2.0				0	Macro Core 0'-4'
3.0					
4.0		Dark-Brown fine to medium SAND, trace Cinders with seams of weathered Gneiss			
5.0					
6.0				0.6	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0					
10.0		Refusal at 8' on GNEISS			
11.0					
12.0					

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

Driller: W. Lineberry	**Depth to Water:** Dry	**Boring Dia.:** 2"
Rig: Geoprobe 540M	**Boring Depth:** 8'	**Page:** 1 of 1

SOIL BORING LOG

Project: MNRR Bridges & Pedestrian Platform
Boring: RSB-11
Location: Greenwich, CT
Inspector: C. Smolin
Client: TT Rizzo
Date: 10-6-08

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Brown fine SAND & SILT, trace fine Gravel	0.4		
1.0 2.0		Dark-Brown fine to medium SAND, trace Cinders with seams of weathered Gneiss	3.0	0.2	Macro Core 0'-3'
3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0		Refusal at 3' on GNEISS			

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

Driller: W. Lineberry
Depth to Water: Dry
Boring Dia.: 2"
Rig: Geoprobe 540M
Boring Depth: 3'
Page: 1 of 1

SOIL BORING LOG

Project: MNRR Bridges & Pedestrian Platform
Boring: RSB-12
Location: Greenwich, CT
Inspector: C. Smolin
Client: TT Rizzo
Date: 10-6-08

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Brown fine SAND & SILT, trace fine Gravel	0.4		
1.0 2.0 3.0		Dark-Brown fine to medium SAND, trace Cinders with seams of weathered Gneiss	4.0	1.1	Macro Core 0'-4'
4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0		Refusal at 4' on GNEISS			

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

Driller: W. Lineberry
Depth to Water: Dry
Boring Dia.: 2"
Rig: Geoprobe 540M
Boring Depth: 4'
Page: 1 of 1

SOIL BORING LOG

Project: MNRR Bridges & Pedestrian Platform	**Boring:** RSB-13
Location: Greenwich, CT	**Inspector:** C. Smolin
Client: TT Rizzo	**Date:** 10-6-08

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray medium to coarse GRAVEL (Ballast)	0.3		
		Brown fine to coarse SAND, little fine to coarse Gravel	1.0		
1.0				0.2	Macro Core 0'-2'
2.0		Dark-Brown fine to medium SAND, trace Cinders with seams of weathered Gneiss			
3.0				0.4	Macro Core 2'-4'
4.0			4.0		
		Refusal at 4' on GNEISS			
5.0					
6.0					
7.0					
8.0					
9.0					
10.0					
11.0					
12.0					

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

Driller: W. Lineberry	**Depth to Water:** Dry	**Boring Dia.:** 2"
Rig: Geoprobe 540M	**Boring Depth:** 4'	**Page:** 1 of 1

SOIL BORING LOG

Project: MNRR Bridges & Pedestrian Platform	**Boring:** RSB-14
Location: Greenwich, CT	**Inspector:** C. Smolin
Client: TT Rizzo	**Date:** 10-6-08

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray medium to coarse GRAVEL (Ballast)	0.3		
		Brown fine to coarse SAND, little fine to coarse Gravel	1.0		
1.0		Dark-Brown fine to medium SAND, trace Cinders with seams of weathered Gneiss		0.5	Macro Core 0'-2'
2.0			2.0		
3.0					
4.0		Refusal at 2' on GNEISS			
5.0					
6.0					
7.0					
8.0					
9.0					
10.0					
11.0					
12.0					

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

Driller: W. Lineberry	**Depth to Water:** Dry	**Boring Dia.:** 2"
Rig: Manual Geoprobe	**Boring Depth:** 2'	**Page:** 1 of 1

SOIL BORING LOG

Project: MNRR Bridges & Pedestrian Platform	**Boring:** RSB-15
Location: Greenwich, CT	**Inspector:** C. Smolin
Client: TT Rizzo	**Date:** 10-6-08

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray medium to coarse GRAVEL (Ballast)	0.3		
		Brown fine to coarse SAND, little fine to coarse Gravel	1.0		
1.0		Dark-Brown fine to medium SAND, trace Cinders with seams of weathered Gneiss		1.3	Macro Core 0'-2'
2.0			2.0		
3.0					
4.0		Refusal at 2' on GNEISS			
5.0					
6.0					
7.0					
8.0					
9.0					
10.0					
11.0					
12.0					

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

Driller: W. Lineberry	**Depth to Water:** Dry	**Boring Dia.:** 2"
Rig: Manual Geoprobe	**Boring Depth:** 2'	**Page:** 1 of 1

SOIL BORING LOG

Project: MNRR Bridges & Pedestrian Platform
Boring: RSB-16
Location: Greenwich, CT
Inspector: C. Smolin
Client: TT Rizzo
Date: 10-6-08

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray medium to coarse GRAVEL (Ballast)	0.3		
		Brown fine to coarse SAND, little fine to coarse Gravel	1.0		
1.0		Dark-Brown fine to medium SAND, trace Cinders with seams of weathered Gneiss		0.7	Macro Core 0'-2'
2.0			2.0		
3.0					
4.0		Refusal at 2' on GNEISS			
5.0					
6.0					
7.0					
8.0					
9.0					
10.0					
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: Dry
Boring Dia.: 2"
Rig: Manual Geoprobe
Boring Depth: 2'
Page: 1 of 1

Appendix B

Report Date:
27-Oct-08 15:51

☑ 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: MNRR Bridges - Greenwich, CT
Project 301-0092

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA85697-01	RSB-1 4'-7.5'	Soil	06-Oct-08 09:10	07-Oct-08 13:54
SA85697-02	RSB-2 4'-8'	Soil	06-Oct-08 11:00	07-Oct-08 13:54
SA85697-03	RSB-3 2'-4'	Soil	06-Oct-08 11:55	07-Oct-08 13:54
SA85697-04	RSB-4 2'-4'	Soil	06-Oct-08 10:40	07-Oct-08 13:54
SA85697-05	RSB-5 0'-2'	Soil	06-Oct-08 10:30	07-Oct-08 13:54
SA85697-06	RSB-6 0'-2'	Soil	06-Oct-08 10:15	07-Oct-08 13:54
SA85697-07	RSB-7 0'-2'	Soil	06-Oct-08 12:15	07-Oct-08 13:54
SA85697-08	RSB-8 0'-2'	Soil	06-Oct-08 12:35	07-Oct-08 13:54
SA85697-09	RSB-9 0'-3'	Soil	06-Oct-08 13:05	07-Oct-08 13:54
SA85697-10	RSB-10 4'-8'	Soil	06-Oct-08 13:25	07-Oct-08 13:54
SA85697-11	RSB-11 0'-3'	Soil	06-Oct-08 13:45	07-Oct-08 13:54
SA85697-12	RSB-12 0'-4'	Soil	06-Oct-08 14:10	07-Oct-08 13:54
SA85697-13	RSB-13 2'-4'	Soil	06-Oct-08 12:55	07-Oct-08 13:54
SA85697-14	RSB-14 0'-2'	Soil	06-Oct-08 10:40	07-Oct-08 13:54
SA85697-15	RSB-15 0'-2'	Soil	06-Oct-08 10:50	07-Oct-08 13:54
SA85697-16	RSB-16 0'-2'	Soil	06-Oct-08 11:00	07-Oct-08 13:54
SA85697-17	FB-1	Deionized Water	06-Oct-08 11:05	07-Oct-08 13:54
SA85697-18	TB-1	Deionized Water	06-Oct-08 00:00	07-Oct-08 13:54

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.
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 120 pages of analytical data plus Chain of Custody document(s).
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

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

CASE NARRATIVE:

The samples were received 3.2 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples. Temperatures exceeding the +/- 2.0 degrees Celsius may affect sample results as stated in each specific method; samples collected for air analysis should be collected and submitted at ambient temperature.

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

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

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

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

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.

EPA 245.1/7470A

Duplicates:

8100930-DUP1 *Source: SA85697-17*

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

SW 846 8260B

SW 846 8260B

Laboratory Control Samples:

8100729-BS1

Analyte out of acceptance range.

2-Butanone (MEK)

8100729-BSD1

RPD out of acceptance range.

2-Butanone (MEK)

8100821-BS1

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

Tert-amyl methyl ether

Analyte out of acceptance range.

2-Butanone (MEK)
Ethanol
Tetrachloroethene
Toluene
trans-1,3-Dichloropropene

8100821-BSD1

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

Tert-amyl methyl ether

RPD out of acceptance range.

2-Butanone (MEK)
Toluene

8100970-BS1

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

1,1,1,2-Tetrachloroethane
trans-1,3-Dichloropropene

8100970-BSD1

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

1,1,1,2-Tetrachloroethane
trans-1,3-Dichloropropene

SW 846 8260B

Spikes:

8100970-MS1 *Source: SA85690-05*

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
Trichloroethene

8100970-MSD1 *Source: SA85690-05*

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
Trichloroethene

Samples:

SA85697-01 *RSB-1 4'-7.5'*

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

SA85697-05 *RSB-5 0'-2'*

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

1,2-Dichloroethane-d4

SA85697-10 *RSB-10 4'-8'*

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

1,2-Dichloroethane-d4

SA85697-17 *FB-1*

Analyte concentration confirmed by duplicate analysis.

Benzene

SW846 1312/6010B

Duplicates:

8101442-DUP1 *Source: SA86059-02*

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.

Barium

SW846 6010B

SW846 6010B

Spikes:

8100830-MS1 *Source: SA85697-02*

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

Barium

8100830-MSD1 *Source: SA85697-02*

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

Barium

Duplicates:

8100830-DUP1 *Source: SA85697-01*

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

Arsenic

VOC Soil Extraction

VOC Soil Extraction

Samples:

SA85697-01 *RSB-1 4'-7.5'*

Field extracted

VOC Extraction

SA85697-02 *RSB-2 4'-8'*

Field extracted

VOC Extraction

SA85697-03 *RSB-3 2'-4'*

Field extracted

VOC Extraction

SA85697-04 *RSB-4 2'-4'*

Field extracted

VOC Extraction

SA85697-05 *RSB-5 0'-2'*

Field extracted

VOC Extraction

SA85697-06 *RSB-6 0'-2'*

Field extracted

VOC Extraction

SA85697-07 *RSB-7 0'-2'*

Field extracted

VOC Extraction

SA85697-08 *RSB-8 0'-2'*

Field extracted

VOC Extraction

SA85697-09 *RSB-9 0'-3'*

Field extracted

VOC Extraction

SA85697-10 *RSB-10 4'-8'*

Field extracted

VOC Extraction

SA85697-11 *RSB-11 0'-3'*

Field extracted

VOC Extraction

VOC Soil Extraction

Samples:

SA85697-12 *RSB-12 0'-4'*

Field extracted

VOC Extraction

SA85697-13 *RSB-13 2'-4'*

Field extracted

VOC Extraction

SA85697-14 *RSB-14 0'-2'*

Field extracted

VOC Extraction

SA85697-15 *RSB-15 0'-2'*

Field extracted

VOC Extraction

SA85697-16 *RSB-16 0'-2'*

Field extracted

VOC Extraction

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-1 4'-7.5' SA85697-01	301-0092	Soil	06-Oct-08 09:10	07-Oct-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	08-Oct-08	08-Oct-08	8100663	
Volatile Organic Compounds			VOC8			Initial weight: 14.42 g					
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	58.9	50	SW 846 8260B	14-Oct-08	14-Oct-08	8100970	
67-64-1	Acetone	BRL		µg/kg dry	589	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	58.9	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	58.9	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	58.9	50	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	58.9	50	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	58.9	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	58.9	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	118	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	589	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	58.9	50	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	58.9	50	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	58.9	50	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	294	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	58.9	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	58.9	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	118	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	58.9	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	118	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	58.9	50	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	58.9	50	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	118	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	58.9	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	58.9	50	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	58.9	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	58.9	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	58.9	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	58.9	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	118	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	58.9	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	58.9	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	58.9	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	58.9	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	58.9	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	58.9	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	58.9	50	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	58.9	50	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	58.9	50	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	58.9	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	58.9	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	58.9	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	58.9	50	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	589	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	58.9	50	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	58.9	50	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	58.9	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	589	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	589	50	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	58.9	50	"	"	"	"	

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-1 4'-7.5' SA85697-01	301-0092	Soil	06-Oct-08 09:10	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 14.42 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	58.9	50	SW 846 8260B	14-Oct-08	14-Oct-08	8100970	
100-42-5	Styrene	BRL		µg/kg dry	58.9	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	58.9	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	58.9	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	58.9	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	58.9	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	58.9	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	58.9	50	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	58.9	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	58.9	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	58.9	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	58.9	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	58.9	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	58.9	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	58.9	50	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	58.9	50	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	58.9	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	118	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	58.9	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	589	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	58.9	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	58.9	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	58.9	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	58.9	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	589	50	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1180	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	294	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	23500	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*113*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	141	1	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	141	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	141	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	141	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	141	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	141	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	141	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	141	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	141	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	141	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	141	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	141	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	141	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	141	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-1 4'-7.5' SA85697-01	301-0092	Soil	06-Oct-08 09:10	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	141	1	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
91-20-3	Naphthalene	BRL		µg/kg dry	141	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	141	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	141	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*75*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*78*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	19.7	1	SW846 8082	14-Oct-08	14-Oct-08	8100918	X
11104-28-2	PCB 1221	BRL		µg/kg dry	19.7	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	19.7	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	19.7	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	19.7	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	19.7	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	19.7	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	19.7	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	19.7	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*83*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*98*		*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	14-Oct-08	14-Oct-08	8100928	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*74*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	28.2	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	28.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	28.2	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	28.2	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	28.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.2	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-1 4'-7.5' SA85697-01	301-0092	Soil	06-Oct-08 09:10	07-Oct-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											
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.2	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*96*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.52	1	SW846 6010B	10-Oct-08	14-Oct-08	8100830	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.52	1	"	"	"	"	X
7440-39-3	Barium	127		mg/kg dry	1.01	1	"	"	"	"	X
7440-43-9	Cadmium	0.723		mg/kg dry	0.506	1	"	"	"	"	X
7440-47-3	Chromium	18.1		mg/kg dry	1.01	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0306	1	SW846 7471A	"	14-Oct-08	8100834	X
7439-92-1	Lead	11.2		mg/kg dry	1.52	1	SW846 6010B	"	14-Oct-08	8100830	X
7782-49-2	Selenium	BRL		mg/kg dry	1.52	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Oct-08	20-Oct-08	8101420	
7440-39-3	Barium	0.0150		mg/l	0.0050	1	SW846 1312/6010B	22-Oct-08	24-Oct-08	8101442	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	93.7		%		1	SM2540 G Mod.	09-Oct-08	09-Oct-08	8100754	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 4'-8' SA85697-02	301-0092	Soil	06-Oct-08 11:00	07-Oct-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	08-Oct-08	08-Oct-08	8100663	
Volatile Organic Compounds						Initial weight: 4.43 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	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
67-64-1	Acetone	BRL		µg/kg dry	67.6	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	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	
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	13.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	67.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	33.8	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	13.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.5	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.5	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	"	"	"	"	
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	13.5	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	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	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	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	67.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	67.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	67.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.8	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 4'-8' SA85697-02	301-0092	Soil	06-Oct-08 11:00	07-Oct-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: 4.43 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.8	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
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	"	"	"	"	
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	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	67.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	67.6	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	135	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	33.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2710	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	145	1	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	145	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	145	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	145	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	145	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	145	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	145	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	145	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	145	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	145	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	145	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	145	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	145	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	145	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 4'-8' SA85697-02	301-0092	Soil	06-Oct-08 11:00	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	145	1	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
91-20-3	Naphthalene	BRL		µg/kg dry	145	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	145	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	145	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*73*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*77*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	22.0	1	SW846 8082	14-Oct-08	14-Oct-08	8100918	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.0	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.0	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.0	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.0	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.0	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.0	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.0	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	22.0	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*84*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*99*		*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	14-Oct-08	14-Oct-08	8100928	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*81*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	29.0	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	29.0	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	29.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	29.0	1	"	"	"	"	
	Unidentified	63.0		mg/kg dry	29.0	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	29.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	63.0		mg/kg dry	29.0	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-2 4'-8' SA85697-02	301-0092	Soil	06-Oct-08 11:00	07-Oct-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											
	C9-C36 Aliphatic Hydrocarbons	63.0		mg/kg dry	29.0	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*100*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.41	1	SW846 6010B	10-Oct-08	15-Oct-08	8100830	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.41	1	"	"	"	"	X
7440-39-3	Barium	386		mg/kg dry	0.940	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.470	1	"	"	"	"	X
7440-47-3	Chromium	58.7		mg/kg dry	0.940	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0325	1	SW846 7471A	"	14-Oct-08	8100834	X
7439-92-1	Lead	28.9		mg/kg dry	1.41	1	SW846 6010B	"	15-Oct-08	8100830	X
7782-49-2	Selenium	BRL		mg/kg dry	1.41	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Oct-08	20-Oct-08	8101420	
7440-39-3	Barium	0.0088		mg/l	0.0050	1	SW846 1312/6010B	22-Oct-08	24-Oct-08	8101442	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	90.5		%		1	SM2540 G Mod.	09-Oct-08	09-Oct-08	8100754	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-3 2'-4' SA85697-03	301-0092	Soil	06-Oct-08 11:55	07-Oct-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	08-Oct-08	08-Oct-08	8100663	
Volatile Organic Compounds						Initial weight: 4.42 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.5	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
67-64-1	Acetone	BRL		µg/kg dry	74.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	14.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	74.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	37.3	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	14.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	14.9	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.9	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.5	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.9	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.5	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	74.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	74.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	74.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.5	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-3 2'-4' SA85697-03	301-0092	Soil	06-Oct-08 11:55	07-Oct-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: 4.42 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.5	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
100-42-5	Styrene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	14.9	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	74.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	74.6	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	149	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	37.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2990	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*109*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	155	1	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	155	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	155	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	155	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	155	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	155	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	155	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	155	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	155	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	155	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	155	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	155	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	155	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	155	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-3 2'-4' SA85697-03	301-0092	Soil	06-Oct-08 11:55	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	155	1	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
91-20-3	Naphthalene	BRL		µg/kg dry	155	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	155	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	155	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*72*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*77*		*30-130 %*			"	"	"	"	
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	14-Oct-08	14-Oct-08	8100918	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	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	21.8	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*83*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	14-Oct-08	14-Oct-08	8100928	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)*	*76*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	30.9	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.9	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.9	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.9	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	30.9	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	30.9	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	30.9	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	30.9	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	30.9	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-3 2'-4' SA85697-03	301-0092	Soil	06-Oct-08 11:55	07-Oct-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											
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	30.9	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*96*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.50	1	SW846 6010B	10-Oct-08	14-Oct-08	8100830	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.50	1	"	"	"	"	X
7440-39-3	Barium	163		mg/kg dry	1.00	1	"	"	"	"	X
7440-43-9	Cadmium	1.06		mg/kg dry	0.501	1	"	"	"	"	X
7440-47-3	Chromium	37.1		mg/kg dry	1.00	1	"	"	"	"	X
7439-97-6	Mercury	0.0579		mg/kg dry	0.0328	1	SW846 7471A	"	14-Oct-08	8100834	X
7439-92-1	Lead	10.4		mg/kg dry	1.50	1	SW846 6010B	"	14-Oct-08	8100830	X
7782-49-2	Selenium	BRL		mg/kg dry	1.50	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Oct-08	20-Oct-08	8101420	
7440-39-3	Barium	0.0200		mg/l	0.0050	1	SW846 1312/6010B	22-Oct-08	24-Oct-08	8101442	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	23-Oct-08	8101443	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	24-Oct-08	8101442	
General Chemistry Parameters											
	% Solids	85.5		%		1	SM2540 G Mod.	09-Oct-08	09-Oct-08	8100754	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 2'-4' SA85697-04	301-0092	Soil	06-Oct-08 10:40	07-Oct-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	08-Oct-08	08-Oct-08	8100663	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 3.95 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.2	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
67-64-1	Acetone	BRL		µg/kg dry	71.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	14.4	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	71.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	35.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	14.4	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	14.4	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.4	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.2	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.4	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.2	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	71.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	71.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	71.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.2	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 2'-4' SA85697-04	301-0092	Soil	06-Oct-08 10:40	07-Oct-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: 3.95 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.2	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
100-42-5	Styrene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.2	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	14.4	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	71.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	71.8	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	144	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	35.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2870	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*123*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	140	1	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	140	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	140	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	140	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	140	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	140	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	140	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	140	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	140	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	140	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	140	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	140	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	140	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	140	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 2'-4' SA85697-04	301-0092	Soil	06-Oct-08 10:40	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	140	1	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
91-20-3	Naphthalene	BRL		µg/kg dry	140	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	140	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	140	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*73*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*76*		*30-130 %*			"	"	"	"	
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	14-Oct-08	14-Oct-08	8100918	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	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	20.9	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*		*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	14-Oct-08	15-Oct-08	8100928	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											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	27.9	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	27.9	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	27.9	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	27.9	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	27.9	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	27.9	1	"	"	"	"	
	Unidentified	46.0		mg/kg dry	27.9	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	27.9	1	"	"	"	"	
	Total Petroleum Hydrocarbons	46.0		mg/kg dry	27.9	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-4 2'-4' SA85697-04	301-0092	Soil	06-Oct-08 10:40	07-Oct-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											
	C9-C36 Aliphatic Hydrocarbons	46.0		mg/kg dry	27.9	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
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	1.42	1	SW846 6010B	10-Oct-08	15-Oct-08	8100830	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.42	1	"	"	14-Oct-08	"	X
7440-39-3	Barium	186		mg/kg dry	0.948	1	"	"	"	"	X
7440-43-9	Cadmium	0.967		mg/kg dry	0.474	1	"	"	"	"	X
7440-47-3	Chromium	69.8		mg/kg dry	0.948	1	"	"	"	"	X
7439-97-6	Mercury	0.0496		mg/kg dry	0.0289	1	SW846 7471A	"	14-Oct-08	8100834	X
7439-92-1	Lead	17.7		mg/kg dry	1.42	1	SW846 6010B	"	14-Oct-08	8100830	X
7782-49-2	Selenium	BRL		mg/kg dry	1.42	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Oct-08	20-Oct-08	8101420	
7440-39-3	Barium	0.0117		mg/l	0.0050	1	SW846 1312/6010B	22-Oct-08	24-Oct-08	8101442	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	23-Oct-08	8101443	
7439-92-1	Lead	0.0748		mg/l	0.0075	1	SW846 1312/6010B	"	24-Oct-08	8101442	
General Chemistry Parameters											
	% Solids	93.0		%		1	SM2540 G Mod.	08-Oct-08	08-Oct-08	8100645	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-5 0'-2' SA85697-05	301-0092	Soil	06-Oct-08 10:30	07-Oct-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	08-Oct-08	08-Oct-08	8100663	
Volatile Organic Compounds						Initial weight: 4.44 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	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
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	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	
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	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	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	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.2	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	"	"	"	"	
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	BRL		µg/kg dry	7.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	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	"	"	"	"	
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	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	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	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-5 0'-2' SA85697-05	301-0092	Soil	06-Oct-08 10:30	07-Oct-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: 4.44 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.6	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
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	"	"	"	"	
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	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.6	1	"	"	"	"	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	"	"	"	"	
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*	*96*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*93*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*133*	SGC	*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	313	2	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	313	2	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	313	2	"	"	"	"	X
56-55-3	Benzo (a) anthracene	685		µg/kg dry	313	2	"	"	"	"	X
50-32-8	Benzo (a) pyrene	682		µg/kg dry	313	2	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	675		µg/kg dry	313	2	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	324		µg/kg dry	313	2	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	773		µg/kg dry	313	2	"	"	"	"	X
218-01-9	Chrysene	886		µg/kg dry	313	2	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	313	2	"	"	"	"	X
206-44-0	Fluoranthene	1,400		µg/kg dry	313	2	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	313	2	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	361		µg/kg dry	313	2	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	313	2	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-5 0'-2' SA85697-05	301-0092	Soil	06-Oct-08 10:30	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	313	2	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
91-20-3	Naphthalene	BRL		µg/kg dry	313	2	"	"	"	"	X
85-01-8	Phenanthrene	361		µg/kg dry	313	2	"	"	"	"	X
129-00-0	Pyrene	1,270		µg/kg dry	313	2	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*82*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*81*		*30-130 %*			"	"	"	"	
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	14-Oct-08	14-Oct-08	8100918	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	65.6		µg/kg dry	22.4	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.4	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	22.4	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*77*		*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	14-Oct-08	15-Oct-08	8100928	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											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	157	5	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	157	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	157	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	157	5	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	157	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	157	5	"	"	"	"	
	Unidentified	261		mg/kg dry	157	5	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	157	5	"	"	"	"	
	Total Petroleum Hydrocarbons	261		mg/kg dry	157	5	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-5 0'-2' SA85697-05	301-0092	Soil	06-Oct-08 10:30	07-Oct-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											
	C9-C36 Aliphatic Hydrocarbons	261		mg/kg dry	157	5	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*123*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.68	1	SW846 6010B	10-Oct-08	15-Oct-08	8100830	X
7440-38-2	Arsenic	1.91		mg/kg dry	1.68	1	"	"	14-Oct-08	"	X
7440-39-3	Barium	162		mg/kg dry	1.12	1	"	"	"	"	X
7440-43-9	Cadmium	1.54		mg/kg dry	0.560	1	"	"	"	"	X
7440-47-3	Chromium	43.7		mg/kg dry	1.12	1	"	"	"	"	X
7439-97-6	Mercury	0.0931		mg/kg dry	0.0337	1	SW846 7471A	"	14-Oct-08	8100834	X
7439-92-1	Lead	124		mg/kg dry	1.68	1	SW846 6010B	"	14-Oct-08	8100830	X
7782-49-2	Selenium	BRL		mg/kg dry	1.68	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Oct-08	20-Oct-08	8101420	
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	SW846 1312/6010B	22-Oct-08	24-Oct-08	8101442	
7440-39-3	Barium	0.0135		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	23-Oct-08	8101443	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	24-Oct-08	8101442	
General Chemistry Parameters											
	% Solids	84.4		%		1	SM2540 G Mod.	08-Oct-08	08-Oct-08	8100645	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-6 0'-2' SA85697-06	301-0092	Soil	06-Oct-08 10:15	07-Oct-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	08-Oct-08	08-Oct-08	8100663	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.92 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	9.3	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
67-64-1	Acetone	BRL		µg/kg dry	92.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	9.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	9.3	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	9.3	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	9.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	18.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	92.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	46.3	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	9.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	18.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	9.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	18.5	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	9.3	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	9.3	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	18.5	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	9.3	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	9.3	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	9.3	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	18.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	9.3	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	9.3	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	9.3	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	9.3	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	9.3	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	92.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	9.3	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	9.3	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	92.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	92.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	9.3	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-6 0'-2' SA85697-06	301-0092	Soil	06-Oct-08 10:15	07-Oct-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: 4.92 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	9.3	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
100-42-5	Styrene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	9.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	9.3	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	9.3	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	18.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	92.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	9.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	9.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	9.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	9.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	92.6	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	185	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	46.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3710	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	375	2	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	375	2	"	"	"	"	X
120-12-7	Anthracene	413		µg/kg dry	375	2	"	"	"	"	X
56-55-3	Benzo (a) anthracene	1,500		µg/kg dry	375	2	"	"	"	"	X
50-32-8	Benzo (a) pyrene	1,420		µg/kg dry	375	2	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	1,700		µg/kg dry	375	2	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	526		µg/kg dry	375	2	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	1,400		µg/kg dry	375	2	"	"	"	"	X
218-01-9	Chrysene	1,770		µg/kg dry	375	2	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	375	2	"	"	"	"	X
206-44-0	Fluoranthene	2,840		µg/kg dry	375	2	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	375	2	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	658		µg/kg dry	375	2	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	375	2	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-6 0'-2' SA85697-06	301-0092	Soil	06-Oct-08 10:15	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	375	2	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
91-20-3	Naphthalene	BRL		µg/kg dry	375	2	"	"	"	"	X
85-01-8	Phenanthrene	853		µg/kg dry	375	2	"	"	"	"	X
129-00-0	Pyrene	2,720		µg/kg dry	375	2	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*75*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*75*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	27.5	1	SW846 8082	14-Oct-08	14-Oct-08	8100918	X
11104-28-2	PCB 1221	BRL		µg/kg dry	27.5	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	27.5	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	27.5	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	27.5	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	27.5	1	"	"	"	"	X
11096-82-5	PCB 1260	138		µg/kg dry	27.5	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	27.5	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	27.5	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*48*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*46*		*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	14-Oct-08	15-Oct-08	8100928	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	187	5	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	187	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	187	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	187	5	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	187	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	187	5	"	"	"	"	
	Unidentified	395		mg/kg dry	187	5	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	187	5	"	"	"	"	
	Total Petroleum Hydrocarbons	395		mg/kg dry	187	5	"	"	"	"	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-6 0'-2' SA85697-06	301-0092	Soil	06-Oct-08 10:15	07-Oct-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											
	C9-C36 Aliphatic Hydrocarbons	395		mg/kg dry	187	5	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*120*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.85	1	SW846 6010B	10-Oct-08	14-Oct-08	8100830	X
7440-38-2	Arsenic	2.54		mg/kg dry	1.85	1	"	"	"	"	X
7440-39-3	Barium	130		mg/kg dry	1.23	1	"	"	"	"	X
7440-43-9	Cadmium	1.28		mg/kg dry	0.617	1	"	"	"	"	X
7440-47-3	Chromium	57.0		mg/kg dry	1.23	1	"	"	"	"	X
7439-97-6	Mercury	0.155		mg/kg dry	0.0416	1	SW846 7471A	"	14-Oct-08	8100834	X
7439-92-1	Lead	225		mg/kg dry	1.85	1	SW846 6010B	"	14-Oct-08	8100830	X
7782-49-2	Selenium	BRL		mg/kg dry	1.85	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Oct-08	20-Oct-08	8101420	
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	SW846 1312/6010B	22-Oct-08	24-Oct-08	8101442	
7440-39-3	Barium	0.0082		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	23-Oct-08	8101443	
7439-92-1	Lead	0.0188		mg/l	0.0075	1	SW846 1312/6010B	"	24-Oct-08	8101442	
General Chemistry Parameters											
	% Solids	70.7		%		1	SM2540 G Mod.	08-Oct-08	08-Oct-08	8100845	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-7 0'-2' SA85697-07	301-0092	Soil	06-Oct-08 12:15	07-Oct-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	08-Oct-08	08-Oct-08	8100663	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.28 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.9	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
67-64-1	Acetone	BRL		µg/kg dry	78.8	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	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	
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	15.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	78.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	39.4	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	15.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	15.8	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.8	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	"	"	"	"	
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	15.8	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	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.9	1	"	"	"	"	
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	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	78.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	
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	78.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	78.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.9	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-7 0'-2' SA85697-07	301-0092	Soil	06-Oct-08 12:15	07-Oct-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: 4.28 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.9	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
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	"	"	"	"	
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	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.9	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	15.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	78.8	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	78.8	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	158	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	39.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3150	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*130*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*111*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*127*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*113*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	156	1	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	156	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	156	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	364		µg/kg dry	156	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	354		µg/kg dry	156	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	403		µg/kg dry	156	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	156	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	411		µg/kg dry	156	1	"	"	"	"	X
218-01-9	Chrysene	465		µg/kg dry	156	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	156	1	"	"	"	"	X
206-44-0	Fluoranthene	745		µg/kg dry	156	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	156	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	181		µg/kg dry	156	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	156	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-7 0'-2' SA85697-07	301-0092	Soil	06-Oct-08 12:15	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	156	1	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
91-20-3	Naphthalene	BRL		µg/kg dry	156	1	"	"	"	"	X
85-01-8	Phenanthrene	176		µg/kg dry	156	1	"	"	"	"	X
129-00-0	Pyrene	642		µg/kg dry	156	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*78*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*80*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	22.7	1	SW846 8082	14-Oct-08	14-Oct-08	8100918	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.7	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.7	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.7	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.7	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.7	1	"	"	"	"	X
11096-82-5	PCB 1260	24.7		µg/kg dry	22.7	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.7	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	22.7	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*53*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*44*		*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	14-Oct-08	15-Oct-08	8100928	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*86*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	156	5	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	156	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	156	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	156	5	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	156	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	156	5	"	"	"	"	
	Unidentified	191		mg/kg dry	156	5	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	156	5	"	"	"	"	
	Total Petroleum Hydrocarbons	191		mg/kg dry	156	5	"	"	"	"	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-7 0'-2' SA85697-07	301-0092	Soil	06-Oct-08 12:15	07-Oct-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											
	C9-C36 Aliphatic Hydrocarbons	191		mg/kg dry	156	5	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*121*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.59	1	SW846 6010B	10-Oct-08	14-Oct-08	8100830	X
7440-38-2	Arsenic	1.73		mg/kg dry	1.59	1	"	"	"	"	X
7440-39-3	Barium	178		mg/kg dry	1.06	1	"	"	"	"	X
7440-43-9	Cadmium	1.14		mg/kg dry	0.528	1	"	"	"	"	X
7440-47-3	Chromium	49.0		mg/kg dry	1.06	1	"	"	"	"	X
7439-97-6	Mercury	0.102		mg/kg dry	0.0324	1	SW846 7471A	"	14-Oct-08	8100834	X
7439-92-1	Lead	64.5		mg/kg dry	1.59	1	SW846 6010B	"	14-Oct-08	8100830	X
7782-49-2	Selenium	BRL		mg/kg dry	1.59	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Oct-08	20-Oct-08	8101420	
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	SW846 1312/6010B	22-Oct-08	24-Oct-08	8101442	
7440-39-3	Barium	0.0148		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	23-Oct-08	8101443	
7439-92-1	Lead	0.0123		mg/l	0.0075	1	SW846 1312/6010B	"	24-Oct-08	8101442	
General Chemistry Parameters											
	% Solids	84.1		%		1	SM2540 G Mod.	08-Oct-08	08-Oct-08	8100645	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-8 0'-2' SA85697-08	301-0092	Soil	06-Oct-08 12:35	07-Oct-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	08-Oct-08	08-Oct-08	8100663	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.72 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.8	1	SW 846 8260B	10-Oct-08	10-Oct-08	8100821	
67-64-1	Acetone	BRL		µg/kg dry	67.6	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	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	
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	13.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	67.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	33.8	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	13.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.5	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.5	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	"	"	"	"	
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	13.5	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	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	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	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	67.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	67.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	67.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.8	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-8 0'-2' SA85697-08	301-0092	Soil	06-Oct-08 12:35	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.72 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.8	1	SW 846 8260B	10-Oct-08	10-Oct-08	8100821	
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	"	"	"	"	
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	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	67.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	67.6	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	135	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	33.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2700	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*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 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	152	1	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	152	1	"	"	"	"	X
120-12-7	Anthracene	258		µg/kg dry	152	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	1,190		µg/kg dry	152	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	1,260		µg/kg dry	152	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	1,380		µg/kg dry	152	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	590		µg/kg dry	152	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	1,280		µg/kg dry	152	1	"	"	"	"	X
218-01-9	Chrysene	1,510		µg/kg dry	152	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	152	1	"	"	"	"	X
206-44-0	Fluoranthene	2,600		µg/kg dry	152	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	152	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	655		µg/kg dry	152	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	152	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-8 0'-2' SA85697-08	301-0092	Soil	06-Oct-08 12:35	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	152	1	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
91-20-3	Naphthalene	BRL		µg/kg dry	152	1	"	"	"	"	X
85-01-8	Phenanthrene	694		µg/kg dry	152	1	"	"	"	"	X
129-00-0	Pyrene	2,260		µg/kg dry	152	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*86*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*91*		*30-130 %*			"	"	"	"	
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	14-Oct-08	14-Oct-08	8100918	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	47.3		µg/kg dry	22.4	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.4	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	22.4	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*57*		*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	14-Oct-08	15-Oct-08	8100928	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*93*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	152	5	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	152	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	152	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	152	5	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	152	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	152	5	"	"	"	"	
	Unidentified	396		mg/kg dry	152	5	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	152	5	"	"	"	"	
	Total Petroleum Hydrocarbons	396		mg/kg dry	152	5	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-8 0'-2' SA85697-08	301-0092	Soil	06-Oct-08 12:35	07-Oct-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											
	C9-C36 Aliphatic Hydrocarbons	396		mg/kg dry	152	5	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*127*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.53	1	SW846 6010B	10-Oct-08	15-Oct-08	8100830	X
7440-38-2	Arsenic	4.26		mg/kg dry	1.53	1	"	"	14-Oct-08	"	X
7440-39-3	Barium	315		mg/kg dry	1.02	1	"	"	"	"	X
7440-43-9	Cadmium	1.54		mg/kg dry	0.510	1	"	"	"	"	X
7440-47-3	Chromium	105		mg/kg dry	1.02	1	"	"	"	"	X
7439-97-6	Mercury	0.0514		mg/kg dry	0.0309	1	SW846 7471A	"	14-Oct-08	8100834	X
7439-92-1	Lead	52.6		mg/kg dry	1.53	1	SW846 6010B	"	14-Oct-08	8100830	X
7782-49-2	Selenium	BRL		mg/kg dry	1.53	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Oct-08	20-Oct-08	8101420	
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	SW846 1312/6010B	22-Oct-08	24-Oct-08	8101442	
7440-39-3	Barium	0.0170		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	23-Oct-08	8101443	
7439-92-1	Lead	0.0974		mg/l	0.0075	1	SW846 1312/6010B	"	24-Oct-08	8101442	
General Chemistry Parameters											
	% Solids	87.6		%		1	SM2540 G Mod.	08-Oct-08	08-Oct-08	8100645	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-9 0'-3' SA85697-09	301-0092	Soil	06-Oct-08 13:05	07-Oct-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	08-Oct-08	08-Oct-08	8100663	
Volatile Organic Compounds						Initial weight: 4.25 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	10.4	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
67-64-1	Acetone	BRL		µg/kg dry	104	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	10.4	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	10.4	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	10.4	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	10.4	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	20.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	104	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	10.4	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	10.4	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	10.4	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	52.1	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	10.4	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	20.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	10.4	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	20.8	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	10.4	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	10.4	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	20.8	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	10.4	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	20.8	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	10.4	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	10.4	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	10.4	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	10.4	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	104	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	10.4	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	10.4	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	10.4	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	104	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	104	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	10.4	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-9 0'-3' SA85697-09	301-0092	Soil	06-Oct-08 13:05	07-Oct-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: 4.25 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	10.4	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
100-42-5	Styrene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	10.4	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	10.4	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	10.4	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	10.4	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	10.4	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	10.4	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	10.4	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	20.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	104	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	10.4	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	10.4	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	10.4	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	10.4	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	104	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	208	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	62.1	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	4170	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*115*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*129*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*117*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	187	1	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	187	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	187	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	265		µg/kg dry	187	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	233		µg/kg dry	187	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	410		µg/kg dry	187	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	187	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	349		µg/kg dry	187	1	"	"	"	"	X
218-01-9	Chrysene	494		µg/kg dry	187	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	187	1	"	"	"	"	X
206-44-0	Fluoranthene	411		µg/kg dry	187	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	187	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	187	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	472		µg/kg dry	187	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-9 0'-3' SA85697-09	301-0092	Soil	06-Oct-08 13:05	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
91-57-6	2-Methylnaphthalene	216		µg/kg dry	187	1	SW846 8270C	10-Oct-08	14-Oct-08	8100877	X
91-20-3	Naphthalene	368		µg/kg dry	187	1	"	"	"	"	X
85-01-8	Phenanthrene	319		µg/kg dry	187	1	"	"	"	"	X
129-00-0	Pyrene	487		µg/kg dry	187	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*75*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*84*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	27.9	1	SW846 8082	14-Oct-08	14-Oct-08	8100918	X
11104-28-2	PCB 1221	BRL		µg/kg dry	27.9	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	27.9	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	27.9	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	27.9	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	27.9	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	27.9	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	27.9	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	27.9	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*82*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*77*		*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	14-Oct-08	15-Oct-08	8100928	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*93*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	37.5	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	37.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	37.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	37.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	37.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	37.5	1	"	"	"	"	
	Unidentified	177		mg/kg dry	37.5	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	37.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	177		mg/kg dry	37.5	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-9 0'-3' SA85697-09	301-0092	Soil	06-Oct-08 13:05	07-Oct-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											
	C9-C36 Aliphatic Hydrocarbons	177		mg/kg dry	37.5	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
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	1.82	1	SW846 6010B	10-Oct-08	14-Oct-08	8100830	X
7440-38-2	Arsenic	3.36		mg/kg dry	1.82	1	"	"	"	"	X
7440-39-3	Barium	174		mg/kg dry	1.21	1	"	"	"	"	X
7440-43-9	Cadmium	1.26		mg/kg dry	0.605	1	"	"	"	"	X
7440-47-3	Chromium	73.4		mg/kg dry	1.21	1	"	"	"	"	X
7439-97-6	Mercury	0.0750		mg/kg dry	0.0406	1	SW846 7471A	"	14-Oct-08	8100834	X
7439-92-1	Lead	42.3		mg/kg dry	1.82	1	SW846 6010B	"	14-Oct-08	8100830	X
7782-49-2	Selenium	BRL		mg/kg dry	1.82	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Oct-08	20-Oct-08	8101420	
7440-38-2	Arsenic	0.0048		mg/l	0.0040	1	SW846 1312/6010B	22-Oct-08	24-Oct-08	8101442	
7440-39-3	Barium	0.0150		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	0.0050		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	23-Oct-08	8101443	
7439-92-1	Lead	0.0346		mg/l	0.0075	1	SW846 1312/6010B	"	24-Oct-08	8101442	
General Chemistry Parameters											
	% Solids	70.6		%		1	SM2540 G Mod.	08-Oct-08	08-Oct-08	8100645	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-10 4'-8' SA85697-10	301-0092	Soil	06-Oct-08 13:25	07-Oct-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	08-Oct-08	08-Oct-08	8100663	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.86 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.8	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
67-64-1	Acetone	BRL		µg/kg dry	68.0	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	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	
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	68.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	34.0	1	"	"	"	"	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	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.6	1	"	"	"	"	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	"	"	"	"	
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	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	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	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	68.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	68.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	68.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.8	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-10 4'-8' SA85697-10	301-0092	Soil	06-Oct-08 13:25	07-Oct-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: 4.86 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.8	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
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	"	"	"	"	
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	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.8	1	"	"	"	"	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	68.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	68.0	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	136	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	34.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2720	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*132*	SGC	*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*121*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	153	1	SW846 8270C	10-Oct-08	15-Oct-08	8100877	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	153	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	153	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	153	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	153	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	153	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	153	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	153	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	153	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	153	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	153	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	153	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	153	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	153	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-10 4'-8' SA85697-10	301-0092	Soil	06-Oct-08 13:25	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	153	1	SW846 8270C	10-Oct-08	15-Oct-08	8100877	X
91-20-3	Naphthalene	BRL		µg/kg dry	153	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	153	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	153	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*74*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*80*		*30-130 %*			"	"	"	"	
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	14-Oct-08	14-Oct-08	8100918	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	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	21.8	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*76*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*77*		*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	14-Oct-08	15-Oct-08	8100928	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	30.5	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	30.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	30.5	1	"	"	"	"	
	Unidentified	51.9		mg/kg dry	30.5	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	30.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	51.9		mg/kg dry	30.5	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-10 4'-8' SA85697-10	301-0092	Soil	06-Oct-08 13:25	07-Oct-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											
	C9-C36 Aliphatic Hydrocarbons	51.9		mg/kg dry	30.5	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*92*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.47	1	SW846 6010B	10-Oct-08	15-Oct-08	8100830	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.47	1	"	"	14-Oct-08	"	X
7440-39-3	Barium	147		mg/kg dry	0.982	1	"	"	"	"	X
7440-43-9	Cadmium	0.761		mg/kg dry	0.491	1	"	"	"	"	X
7440-47-3	Chromium	47.8		mg/kg dry	0.982	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0316	1	SW846 7471A	"	14-Oct-08	8100834	X
7439-92-1	Lead	8.76		mg/kg dry	1.47	1	SW846 6010B	"	14-Oct-08	8100830	X
7782-49-2	Selenium	BRL		mg/kg dry	1.47	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Oct-08	20-Oct-08	8101420	
7440-39-3	Barium	0.0132		mg/l	0.0050	1	SW846 1312/6010B	22-Oct-08	24-Oct-08	8101442	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	85.9		%		1	SM2540 G Mod.	08-Oct-08	08-Oct-08	8100845	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-11 0'-3' SA85697-11	301-0092	Soil	06-Oct-08 13:45	07-Oct-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	08-Oct-08	08-Oct-08	8100663	
Volatile Organic Compounds						Initial weight: 4.8 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.9	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
67-64-1	Acetone	BRL		µg/kg dry	59.4	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	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.9	1	"	"	"	"	
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	11.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	59.4	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	29.7	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	11.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.9	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.9	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	"	"	"	"	
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	11.9	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	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.9	1	"	"	"	"	
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	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	59.4	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	59.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	59.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.9	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-11 0'-3' SA85697-11	301-0092	Soil	06-Oct-08 13:45	07-Oct-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: 4.8 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.9	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
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	"	"	"	"	
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	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.9	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.9	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	59.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	59.4	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	119	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	29.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2370	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*81*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*82*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*97*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*95*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	139	1	SW846 8270C	10-Oct-08	15-Oct-08	8100877	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	139	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	139	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	139	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	139	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	139	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	139	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	139	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	139	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	139	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	139	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	139	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	139	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	139	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-11 0'-3' SA85697-11	301-0092	Soil	06-Oct-08 13:45	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	139	1	SW846 8270C	10-Oct-08	15-Oct-08	8100877	X
91-20-3	Naphthalene	BRL		µg/kg dry	139	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	139	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	139	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*79*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*85*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	19.7	1	SW846 8082	14-Oct-08	14-Oct-08	8100918	X
11104-28-2	PCB 1221	BRL		µg/kg dry	19.7	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	19.7	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	19.7	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	19.7	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	19.7	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	19.7	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	19.7	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	19.7	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*84*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*89*		*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	14-Oct-08	15-Oct-08	8100928	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											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	27.9	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	27.9	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	27.9	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	27.9	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	27.9	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	27.9	1	"	"	"	"	
	Unidentified	44.0		mg/kg dry	27.9	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	27.9	1	"	"	"	"	
	Total Petroleum Hydrocarbons	44.0		mg/kg dry	27.9	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-11 0'-3' SA85697-11	301-0092	Soil	06-Oct-08 13:45	07-Oct-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											
	C9-C36 Aliphatic Hydrocarbons	44.0		mg/kg dry	27.9	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*95*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.56	1	SW846 6010B	10-Oct-08	14-Oct-08	8100830	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.56	1	"	"	"	"	X
7440-39-3	Barium	12.0		mg/kg dry	1.04	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.521	1	"	"	"	"	X
7440-47-3	Chromium	9.81		mg/kg dry	1.04	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0308	1	SW846 7471A	"	14-Oct-08	8100834	X
7439-92-1	Lead	7.39		mg/kg dry	1.56	1	SW846 6010B	"	14-Oct-08	8100830	X
7782-49-2	Selenium	BRL		mg/kg dry	1.56	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Oct-08	20-Oct-08	8101420	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-Oct-08	24-Oct-08	8101442	
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	93.4		%		1	SM2540 G Mod.	08-Oct-08	08-Oct-08	8100645	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-12 0'-4' SA85697-12	301-0092	Soil	06-Oct-08 14:10	07-Oct-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	08-Oct-08	08-Oct-08	8100663	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 4.42 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.6	1	SW 846 8260B	10-Oct-08	10-Oct-08	8100821	
67-64-1	Acetone	BRL		µg/kg dry	66.3	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	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	
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	13.3	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	66.3	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	33.2	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	13.3	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.3	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.3	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.6	1	"	"	"	"	
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	13.3	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	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	
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	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	66.3	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	
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	66.3	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	66.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.6	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-12 0'-4' SA85697-12	301-0092	Soil	06-Oct-08 14:10	07-Oct-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: 4.42 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.6	1	SW 846 8260B	10-Oct-08	10-Oct-08	8100821	
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	"	"	"	"	
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	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.6	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.3	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	66.3	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	66.3	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	133	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	33.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2650	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*	*102*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	143	1	SW846 8270C	10-Oct-08	15-Oct-08	8100877	X
208-96-8	Acenaphthylene	295		µg/kg dry	143	1	"	"	"	"	X
120-12-7	Anthracene	279		µg/kg dry	143	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	1,240		µg/kg dry	143	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	1,010		µg/kg dry	143	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	1,130		µg/kg dry	143	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	347		µg/kg dry	143	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	1,130		µg/kg dry	143	1	"	"	"	"	X
218-01-9	Chrysene	1,330		µg/kg dry	143	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	143	1	"	"	"	"	X
206-44-0	Fluoranthene	2,280		µg/kg dry	143	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	143	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	442		µg/kg dry	143	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	143	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-12 0'-4' SA85697-12	301-0092	Soil	06-Oct-08 14:10	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	143	1	SW846 8270C	10-Oct-08	15-Oct-08	8100877	X
91-20-3	Naphthalene	BRL		µg/kg dry	143	1	"	"	"	"	X
85-01-8	Phenanthrene	439		µg/kg dry	143	1	"	"	"	"	X
129-00-0	Pyrene	2,540		µg/kg dry	143	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*85*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*97*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	20.4	1	SW846 8082	14-Oct-08	14-Oct-08	8100918	X
11104-28-2	PCB 1221	BRL		µg/kg dry	20.4	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	20.4	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	20.4	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	20.4	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	20.4	1	"	"	"	"	X
11096-82-5	PCB 1260	742		µg/kg dry	20.4	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	20.4	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	20.4	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*		*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	14-Oct-08	15-Oct-08	8100928	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*88*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	143	5	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	143	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	143	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	143	5	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	143	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	143	5	"	"	"	"	
	Unidentified	289		mg/kg dry	143	5	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	143	5	"	"	"	"	
	Total Petroleum Hydrocarbons	289		mg/kg dry	143	5	"	"	"	"	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-12 0'-4' SA85697-12	301-0092	Soil	06-Oct-08 14:10	07-Oct-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											
	C9-C36 Aliphatic Hydrocarbons	289		mg/kg dry	143	5	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*122*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.57	1	SW846 6010B	10-Oct-08	14-Oct-08	8100830	X
7440-38-2	Arsenic	3.34		mg/kg dry	1.57	1	"	"	"	"	X
7440-39-3	Barium	34.5		mg/kg dry	1.04	1	"	"	"	"	X
7440-43-9	Cadmium	1.01		mg/kg dry	0.522	1	"	"	"	"	X
7440-47-3	Chromium	13.3		mg/kg dry	1.04	1	"	"	"	"	X
7439-97-6	Mercury	0.0339		mg/kg dry	0.0289	1	SW846 7471A	"	14-Oct-08	8100834	X
7439-92-1	Lead	74.8		mg/kg dry	1.57	1	SW846 6010B	"	14-Oct-08	8100830	X
7782-49-2	Selenium	BRL		mg/kg dry	1.57	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Oct-08	20-Oct-08	8101420	
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	SW846 1312/6010B	22-Oct-08	24-Oct-08	8101442	
7440-39-3	Barium	0.0072		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-92-1	Lead	0.0156		mg/l	0.0075	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	91.6		%		1	SM2540 G Mod.	08-Oct-08	08-Oct-08	8100645	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-13 2'-4' SA85697-13	301-0092	Soil	06-Oct-08 12:55	07-Oct-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	08-Oct-08	08-Oct-08	8100663	
Volatile Organic Compounds						Initial weight: 4.78 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	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
67-64-1	Acetone	BRL		µg/kg dry	63.4	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	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	
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	63.4	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.7	1	"	"	"	"	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	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.7	1	"	"	"	"	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	"	"	"	"	
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	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	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	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	63.4	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	63.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	63.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.3	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-13 2'-4' SA85697-13	301-0092	Soil	06-Oct-08 12:55	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.78 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.3	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
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	"	"	"	"	
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	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.3	1	"	"	"	"	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	63.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	63.4	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	127	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	31.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2530	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*76*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*78*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*97*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*98*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	146	1	SW846 8270C	10-Oct-08	15-Oct-08	8100877	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	146	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	146	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	295		µg/kg dry	146	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	221		µg/kg dry	146	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	346		µg/kg dry	146	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	146	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	317		µg/kg dry	146	1	"	"	"	"	X
218-01-9	Chrysene	456		µg/kg dry	146	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	146	1	"	"	"	"	X
206-44-0	Fluoranthene	492		µg/kg dry	146	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	146	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	146	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	146	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-13 2'-4' SA85697-13	301-0092	Soil	06-Oct-08 12:55	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	146	1	SW846 8270C	10-Oct-08	15-Oct-08	8100877	X
91-20-3	Naphthalene	BRL		µg/kg dry	146	1	"	"	"	"	X
85-01-8	Phenanthrene	167		µg/kg dry	146	1	"	"	"	"	X
129-00-0	Pyrene	608		µg/kg dry	146	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*78*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*88*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.1	1	SW846 8082	14-Oct-08	14-Oct-08	8100918	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	58.1		µg/kg dry	21.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.1	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	21.1	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*87*		*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	14-Oct-08	15-Oct-08	8100928	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*86*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	29.2	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	29.2	1	"	"	"	"	
M09600000	Motor Oil	BRL		mg/kg dry	29.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	29.2	1	"	"	"	"	
	Unidentified	90.6		mg/kg dry	29.2	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	29.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	90.6		mg/kg dry	29.2	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-13 2'-4' SA85697-13	301-0092	Soil	06-Oct-08 12:55	07-Oct-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											
	C9-C36 Aliphatic Hydrocarbons	90.6		mg/kg dry	29.2	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
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	1.43	1	SW846 6010B	10-Oct-08	14-Oct-08	8100830	X
7440-38-2	Arsenic	4.24		mg/kg dry	1.43	1	"	"	"	"	X
7440-39-3	Barium	336		mg/kg dry	0.956	1	"	"	"	"	X
7440-43-9	Cadmium	2.25		mg/kg dry	0.478	1	"	"	"	"	X
7440-47-3	Chromium	119		mg/kg dry	0.956	1	"	"	"	"	X
7439-97-6	Mercury	0.0448		mg/kg dry	0.0306	1	SW846 7471A	"	14-Oct-08	8100834	X
7439-92-1	Lead	42.6		mg/kg dry	1.43	1	SW846 6010B	"	14-Oct-08	8100830	X
7782-49-2	Selenium	1.54		mg/kg dry	1.43	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Oct-08	20-Oct-08	8101420	
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	SW846 1312/6010B	22-Oct-08	24-Oct-08	8101442	
7440-39-3	Barium	0.0150		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	0.0054		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	23-Oct-08	8101443	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	24-Oct-08	8101442	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	90.2		%		1	SM2540 G Mod.	10-Oct-08	10-Oct-08	8100888	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-14 0'-2' SA85697-14	301-0092	Soil	06-Oct-08 10:40	07-Oct-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	08-Oct-08	08-Oct-08	8100691	
Volatile Organic Compounds						Initial weight: 4.91 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	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
67-64-1	Acetone	BRL		µg/kg dry	56.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.7	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.7	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.3	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	56.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	
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	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	
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	"	"	"	"	
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	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	
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	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	56.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	56.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	56.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.7	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-14 0'-2' SA85697-14	301-0092	Soil	06-Oct-08 10:40	07-Oct-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: 4.91 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.7	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
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	"	"	"	"	
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	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.7	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.3	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.7	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	56.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	56.6	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	113	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2260	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*83*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*98*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*98*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	138	1	SW846 8270C	10-Oct-08	15-Oct-08	8100877	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	138	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	138	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	138	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	138	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	138	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	138	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	138	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	138	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	138	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	138	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	138	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	138	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	138	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-14 0'-2' SA85697-14	301-0092	Soil	06-Oct-08 10:40	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	138	1	SW846 8270C	10-Oct-08	15-Oct-08	8100877	X
91-20-3	Naphthalene	BRL		µg/kg dry	138	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	138	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	138	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*80*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*90*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	19.9	1	SW846 8082	14-Oct-08	14-Oct-08	8100918	X
11104-28-2	PCB 1221	BRL		µg/kg dry	19.9	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	19.9	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	19.9	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	19.9	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	19.9	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	19.9	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	19.9	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	19.9	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*83*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	14-Oct-08	15-Oct-08	8100928	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)*	*76*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	27.6	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	27.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	27.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	27.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	27.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	27.6	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	27.6	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	27.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	27.6	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-14 0'-2' SA85697-14	301-0092	Soil	06-Oct-08 10:40	07-Oct-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											
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	27.6	1	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
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	1.38	1	SW846 6010B	10-Oct-08	15-Oct-08	8100830	X
7440-38-2	Arsenic	2.02		mg/kg dry	1.38	1	"	"	14-Oct-08	"	X
7440-39-3	Barium	129		mg/kg dry	0.917	1	"	"	"	"	X
7440-43-9	Cadmium	0.862		mg/kg dry	0.458	1	"	"	"	"	X
7440-47-3	Chromium	67.0		mg/kg dry	0.917	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0297	1	SW846 7471A	"	14-Oct-08	8100834	X
7439-92-1	Lead	6.93		mg/kg dry	1.38	1	SW846 6010B	"	14-Oct-08	8100830	X
7782-49-2	Selenium	BRL		mg/kg dry	1.38	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Oct-08	20-Oct-08	8101420	
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	SW846 1312/6010B	22-Oct-08	24-Oct-08	8101442	
7440-39-3	Barium	0.0057		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	94.7		%		1	SM2540 G Mod.	09-Oct-08	09-Oct-08	8100754	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-15 0'-2' SA85697-15	301-0092	Soil	06-Oct-08 10:50	07-Oct-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	08-Oct-08	08-Oct-08	8100691	
Volatile Organic Compounds						Initial weight: 4.81 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.1	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
67-64-1	Acetone	BRL		µg/kg dry	70.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.1	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.1	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.1	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	14.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	70.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	35.4	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.1	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	14.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.1	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	14.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.1	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.1	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.1	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.1	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.1	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	70.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.1	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	70.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	70.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.1	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-15 0'-2'	301-0092	Soil	06-Oct-08 10:50	07-Oct-08
SA85697-15				

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: 4.81 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.1	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
100-42-5	Styrene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.1	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.1	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	14.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	70.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	70.8	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	142	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	35.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2830	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*73*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*80*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*101*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*98*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	314	2	SW846 8270C	10-Oct-08	15-Oct-08	8100877	X
208-96-8	Acenaphthylene	621		µg/kg dry	314	2	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	314	2	"	"	"	"	X
56-55-3	Benzo (a) anthracene	1,560		µg/kg dry	314	2	"	"	"	"	X
50-32-8	Benzo (a) pyrene	1,500		µg/kg dry	314	2	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	1,880		µg/kg dry	314	2	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	555		µg/kg dry	314	2	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	1,910		µg/kg dry	314	2	"	"	"	"	X
218-01-9	Chrysene	2,120		µg/kg dry	314	2	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	314	2	"	"	"	"	X
206-44-0	Fluoranthene	2,280		µg/kg dry	314	2	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	314	2	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	681		µg/kg dry	314	2	"	"	"	"	X
90-12-0	1-Methylnaphthalene	725		µg/kg dry	314	2	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-15 0'-2' SA85697-15	301-0092	Soil	06-Oct-08 10:50	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
91-57-6	2-Methylnaphthalene	350		µg/kg dry	314	2	SW846 8270C	10-Oct-08	15-Oct-08	8100877	X
91-20-3	Naphthalene	BRL		µg/kg dry	314	2	"	"	"	"	X
85-01-8	Phenanthrene	762		µg/kg dry	314	2	"	"	"	"	X
129-00-0	Pyrene	2,730		µg/kg dry	314	2	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*78*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*88*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	23.1	1	SW846 8082	14-Oct-08	14-Oct-08	8100918	X
11104-28-2	PCB 1221	BRL		µg/kg dry	23.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	23.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	23.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	23.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	23.1	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	23.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	23.1	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	23.1	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*79*		*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	14-Oct-08	15-Oct-08	8100928	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*78*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	157	5	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	157	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	157	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	157	5	"	"	"	"	
M09600000	Motor Oil	BRL		mg/kg dry	157	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	157	5	"	"	"	"	
	Unidentified	456		mg/kg dry	157	5	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	157	5	"	"	"	"	
	Total Petroleum Hydrocarbons	456		mg/kg dry	157	5	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-15 0'-2' SA85697-15	301-0092	Soil	06-Oct-08 10:50	07-Oct-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											
	C9-C36 Aliphatic Hydrocarbons	456		mg/kg dry	157	5	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*124*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.53	1	SW846 6010B	10-Oct-08	14-Oct-08	8100830	X
7440-38-2	Arsenic	14.8		mg/kg dry	1.53	1	"	"	"	"	X
7440-39-3	Barium	57.7		mg/kg dry	1.02	1	"	"	"	"	X
7440-43-9	Cadmium	1.38		mg/kg dry	0.509	1	"	"	"	"	X
7440-47-3	Chromium	17.0		mg/kg dry	1.02	1	"	"	"	"	X
7439-97-6	Mercury	0.0657		mg/kg dry	0.0353	1	SW846 7471A	"	14-Oct-08	8100834	X
7439-92-1	Lead	101		mg/kg dry	1.53	1	SW846 6010B	"	14-Oct-08	8100830	X
7782-49-2	Selenium	BRL		mg/kg dry	1.53	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Oct-08	20-Oct-08	8101420	
7440-38-2	Arsenic	0.0044		mg/l	0.0040	1	SW846 1312/6010B	22-Oct-08	24-Oct-08	8101442	
7440-39-3	Barium	0.0120		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	23-Oct-08	8101443	
7439-92-1	Lead	0.100		mg/l	0.0075	1	SW846 1312/6010B	"	24-Oct-08	8101442	
General Chemistry Parameters											
	% Solids	84.4		%		1	SM2540 G Mod.	09-Oct-08	09-Oct-08	8100754	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-16 0'-2' SA85697-16	301-0092	Soil	06-Oct-08 11:00	07-Oct-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	08-Oct-08	08-Oct-08	8100691	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.2	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
67-64-1	Acetone	BRL		µg/kg dry	62.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.4	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	62.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.4	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.4	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.4	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.2	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.4	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.2	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	62.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	62.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	62.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.2	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-16 0'-2' SA85697-16	301-0092	Soil	06-Oct-08 11:00	07-Oct-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 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.2	1	SW 846 8260B	09-Oct-08	10-Oct-08	8100729	
100-42-5	Styrene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.2	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.4	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	62.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	62.0	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	124	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	31.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2480	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*	*100*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*95*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	146	1	SW846 8270C	10-Oct-08	15-Oct-08	8100877	X
208-96-8	Acenaphthylene	179		µg/kg dry	146	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	146	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	436		µg/kg dry	146	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	379		µg/kg dry	146	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	615		µg/kg dry	146	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	149		µg/kg dry	146	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	469		µg/kg dry	146	1	"	"	"	"	X
218-01-9	Chrysene	681		µg/kg dry	146	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	146	1	"	"	"	"	X
206-44-0	Fluoranthene	833		µg/kg dry	146	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	146	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	196		µg/kg dry	146	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	236		µg/kg dry	146	1	"	"	"	"	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-16 0'-2' SA85697-16	301-0092	Soil	06-Oct-08 11:00	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3545A											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	146	1	SW846 8270C	10-Oct-08	15-Oct-08	8100877	X
91-20-3	Naphthalene	BRL		µg/kg dry	146	1	"	"	"	"	X
85-01-8	Phenanthrene	297		µg/kg dry	146	1	"	"	"	"	X
129-00-0	Pyrene	874		µg/kg dry	146	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*75*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*90*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	20.8	1	SW846 8082	14-Oct-08	14-Oct-08	8100918	X
11104-28-2	PCB 1221	BRL		µg/kg dry	20.8	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	20.8	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	20.8	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	20.8	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	20.8	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	20.8	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	20.8	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	20.8	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*76*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*88*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	14-Oct-08	15-Oct-08	8100928	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											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	146	5	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	146	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	146	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	146	5	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	146	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	146	5	"	"	"	"	
	Unidentified	239		mg/kg dry	146	5	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	146	5	"	"	"	"	
	Total Petroleum Hydrocarbons	239		mg/kg dry	146	5	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RSB-16 0'-2' SA85697-16	301-0092	Soil	06-Oct-08 11:00	07-Oct-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											
	C9-C36 Aliphatic Hydrocarbons	239		mg/kg dry	146	5	+CT ETPH	10-Oct-08	15-Oct-08	8100876	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*115*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.61	1	SW846 6010B	10-Oct-08	14-Oct-08	8100830	X
7440-38-2	Arsenic	8.59		mg/kg dry	1.61	1	"	"	"	"	X
7440-39-3	Barium	49.0		mg/kg dry	1.08	1	"	"	"	"	X
7440-43-9	Cadmium	1.09		mg/kg dry	0.538	1	"	"	"	"	X
7440-47-3	Chromium	16.2		mg/kg dry	1.08	1	"	"	"	"	X
7439-97-6	Mercury	0.0652		mg/kg dry	0.0302	1	SW846 7471A	"	14-Oct-08	8100834	X
7439-92-1	Lead	80.4		mg/kg dry	1.61	1	SW846 6010B	"	14-Oct-08	8100830	X
7782-49-2	Selenium	BRL		mg/kg dry	1.61	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Oct-08	20-Oct-08	8101420	
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	SW846 1312/6010B	22-Oct-08	24-Oct-08	8101442	
7440-39-3	Barium	0.0086		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	23-Oct-08	8101443	
7439-92-1	Lead	0.0118		mg/l	0.0075	1	SW846 1312/6010B	"	24-Oct-08	8101442	
General Chemistry Parameters											
	% Solids	89.3		%		1	SM2540 G Mod.	10-Oct-08	10-Oct-08	8100888	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA85697-17	301-0092	Deionized Water	06-Oct-08 11:05	07-Oct-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	SW 846 8260B	10-Oct-08	11-Oct-08	8100858	
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	1.2	V11	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	"	"	"	"	
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	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
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	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	
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	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	
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	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA85697-17	301-0092	Deionized Water	06-Oct-08 11:05	07-Oct-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	SW 846 8260B	10-Oct-08	11-Oct-08	8100858	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	"	"	"	"	
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	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
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	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	
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	"	"	"	"	
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*95*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	09-Oct-08	13-Oct-08	8100724	
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA85697-17	301-0092	Deionized Water	06-Oct-08 11:05	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	09-Oct-08	13-Oct-08	8100724	
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*59*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-d14*	*48*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.206	1	SW846 8082	09-Oct-08	10-Oct-08	8100746	X
11104-28-2	PCB 1221	BRL		µg/l	0.206	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/l	0.206	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/l	0.206	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/l	0.206	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/l	0.206	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/l	0.206	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/l	0.206	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/l	0.206	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*98*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3510C											
93-76-5	2,4,5-T	BRL		µg/l	0.100	1	SW846 8151A	10-Oct-08	14-Oct-08	8100833	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/l	0.100	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/l	0.100	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/l	0.100	1	"	"	"	"	
75-99-0	Dalapon	BRL		µg/l	0.100	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/l	0.100	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/l	0.100	1	"	"	"	"	
88-85-7	Dinoseb	BRL		µg/l	0.100	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/l	1.50	1	"	"	"	"	
94-81-5	MCPB	BRL		µg/l	1.50	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/l	1.50	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*79*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	09-Oct-08	10-Oct-08	8100726	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA85697-17	301-0092	Deionized Water	06-Oct-08 11:05	07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	+CT ETPH	09-Oct-08	10-Oct-08	8100726	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*84*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	14-Oct-08	14-Oct-08	8100929	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.0052		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	14-Oct-08	15-Oct-08	8100930	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1 SA85697-18	301-0092	Deionized Water	06-Oct-08 00:00	07-Oct-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	SW 846 8260B	10-Oct-08	11-Oct-08	8100858	
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	"	"	"	"	
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	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
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	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	
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	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	
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	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1 SA85697-18	301-0092	Deionized Water	06-Oct-08 00:00	07-Oct-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	SW 846 8260B	10-Oct-08	11-Oct-08	8100858	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	"	"	"	"	
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	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
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	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	
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	"	"	"	"	
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*94*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	

Appendix C

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100729 - SW846 5035A Soil (low level)										
Blank (8100729-BLK1)										
Prepared & Analyzed: 09-Oct-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 8100729 - SW846 5035A Soil (low level)										
Blank (8100729-BLK1)										
Prepared & Analyzed: 09-Oct-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	*49.1*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*55.9*		µg/kg wet		*50.0*		*112*	*70-130*		
Surrogate: Dibromofluoromethane	*49.4*		µg/kg wet		*50.0*		*99*	*70-130*		
LCS (8100729-BS1)										
Prepared & Analyzed: 09-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.4		µg/kg wet		20.0		87	70-130		
Acetone	8.5		µg/kg wet		20.0		43	0-168		
Acrylonitrile	18.8		µg/kg wet		20.0		94	70-130		
Benzene	19.6		µg/kg wet		20.0		98	70-130		
Bromobenzene	19.5		µg/kg wet		20.0		98	70-130		
Bromochloromethane	19.3		µg/kg wet		20.0		97	70-130		
Bromodichloromethane	20.7		µg/kg wet		20.0		103	70-130		
Bromoform	19.6		µg/kg wet		20.0		98	70-130		
Bromomethane	16.4		µg/kg wet		20.0		82	40.9-138		
2-Butanone (MEK)	146	QC1	µg/kg wet		20.0		729	29.8-145		
n-Butylbenzene	20.4		µg/kg wet		20.0		102	70-130		
sec-Butylbenzene	19.6		µg/kg wet		20.0		98	70-130		
tert-Butylbenzene	20.6		µg/kg wet		20.0		103	70-130		
Carbon disulfide	17.0		µg/kg wet		20.0		85	70-130		
Carbon tetrachloride	18.6		µg/kg wet		20.0		93	70-130		
Chlorobenzene	19.6		µg/kg wet		20.0		98	70-130		

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* Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100729 - SW846 5035A Soil (low level)										
LCS (8100729-BS1)										
Prepared & Analyzed: 09-Oct-08										
Chloroethane	16.3		µg/kg wet		20.0		81	47.5-130		
Chloroform	18.7		µg/kg wet		20.0		94	70-130		
Chloromethane	17.9		µg/kg wet		20.0		89	70-130		
2-Chlorotoluene	20.5		µg/kg wet		20.0		103	70-130		
4-Chlorotoluene	20.9		µg/kg wet		20.0		104	70-130		
1,2-Dibromo-3-chloropropane	19.3		µg/kg wet		20.0		97	70-130		
Dibromochloromethane	19.1		µg/kg wet		20.0		96	66.2-130		
1,2-Dibromoethane (EDB)	18.1		µg/kg wet		20.0		91	70-130		
Dibromomethane	19.4		µg/kg wet		20.0		97	70-130		
1,2-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,3-Dichlorobenzene	20.9		µg/kg wet		20.0		104	70-130		
1,4-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130		
Dichlorodifluoromethane (Freon12)	15.9		µg/kg wet		20.0		80	32-158		
1,1-Dichloroethane	20.1		µg/kg wet		20.0		101	70-130		
1,2-Dichloroethane	20.4		µg/kg wet		20.0		102	70-130		
1,1-Dichloroethene	19.4		µg/kg wet		20.0		97	70-130		
cis-1,2-Dichloroethene	20.9		µg/kg wet		20.0		104	70-130		
trans-1,2-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130		
1,2-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130		
1,3-Dichloropropane	18.6		µg/kg wet		20.0		93	70-130		
2,2-Dichloropropane	18.2		µg/kg wet		20.0		91	70-130		
1,1-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130		
cis-1,3-Dichloropropene	19.1		µg/kg wet		20.0		96	70-130		
trans-1,3-Dichloropropene	18.5		µg/kg wet		20.0		93	70-130		
Ethylbenzene	20.1		µg/kg wet		20.0		100	70-130		
Hexachlorobutadiene	19.7		µg/kg wet		20.0		98	53.6-138		
2-Hexanone (MBK)	15.0		µg/kg wet		20.0		75	70-130		
Isopropylbenzene	18.4		µg/kg wet		20.0		92	70-130		
4-Isopropyltoluene	21.0		µg/kg wet		20.0		105	70-130		
Methyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130		
4-Methyl-2-pentanone (MIBK)	17.4		µg/kg wet		20.0		87	53.5-137		
Methylene chloride	18.7		µg/kg wet		20.0		93	70-130		
Naphthalene	19.3		µg/kg wet		20.0		96	70-130		
n-Propylbenzene	19.5		µg/kg wet		20.0		98	70-130		
Styrene	21.6		µg/kg wet		20.0		108	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		94	70-130		
Tetrachloroethene	18.5		µg/kg wet		20.0		93	70-130		
Toluene	18.5		µg/kg wet		20.0		93	70-130		
1,2,3-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,2,4-Trichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
1,3,5-Trichlorobenzene	19.8		µg/kg wet		20.0		99	70-130		
1,1,1-Trichloroethane	20.1		µg/kg wet		20.0		101	70-130		
1,1,2-Trichloroethane	18.7		µg/kg wet		20.0		94	70-130		
Trichloroethene	18.9		µg/kg wet		20.0		95	70-130		
Trichlorofluoromethane (Freon 11)	18.0		µg/kg wet		20.0		90	50.9-138		
1,2,3-Trichloropropane	21.0		µg/kg wet		20.0		105	70-130		
1,2,4-Trimethylbenzene	21.0		µg/kg wet		20.0		105	70-130		
1,3,5-Trimethylbenzene	20.5		µg/kg wet		20.0		103	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100729 - SW846 5035A Soil (low level)										
LCS (8100729-BS1)										
Prepared & Analyzed: 09-Oct-08										
Vinyl chloride	18.8		µg/kg wet		20.0		94	70-130		
m,p-Xylene	41.7		µg/kg wet		40.0		104	70-130		
o-Xylene	21.2		µg/kg wet		20.0		106	70-130		
Tetrahydrofuran	16.6		µg/kg wet		20.0		83	70-130		
Ethyl ether	19.9		µg/kg wet		20.0		100	61.4-130		
Tert-amyl methyl ether	20.3		µg/kg wet		20.0		102	70-130		
Ethyl tert-butyl ether	21.0		µg/kg wet		20.0		105	70-130		
Di-isopropyl ether	20.4		µg/kg wet		20.0		102	70-130		
Tert-Butanol / butyl alcohol	155		µg/kg wet		200		77	70-130		
1,4-Dioxane	167		µg/kg wet		200		84	48.3-142		
trans-1,4-Dichloro-2-butene	17.3		µg/kg wet		20.0		87	70-130		
Ethanol	321		µg/kg wet		400		80	70-130		
Surrogate: 4-Bromofluorobenzene	*49.6*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*49.0*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.3*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*47.6*		µg/kg wet		*50.0*		*95*	*70-130*		
LCS Dup (8100729-BSD1)										
Prepared & Analyzed: 09-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.0		µg/kg wet		20.0		90	70-130	3	25
Acetone	11.6		µg/kg wet		20.0		58	0-168	30	50
Acrylonitrile	18.9		µg/kg wet		20.0		95	70-130	0.8	25
Benzene	20.0		µg/kg wet		20.0		100	70-130	2	25
Bromobenzene	20.4		µg/kg wet		20.0		102	70-130	4	25
Bromochloromethane	18.6		µg/kg wet		20.0		93	70-130	4	25
Bromodichloromethane	19.9		µg/kg wet		20.0		100	70-130	4	25
Bromoform	19.6		µg/kg wet		20.0		98	70-130	0	25
Bromomethane	15.8		µg/kg wet		20.0		79	40.9-138	4	50
2-Butanone (MEK)	18.8	QR5	µg/kg wet		20.0		94	29.8-145	154	50
n-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130	2	25
sec-Butylbenzene	19.2		µg/kg wet		20.0		96	70-130	2	25
tert-Butylbenzene	20.4		µg/kg wet		20.0		102	70-130	1	25
Carbon disulfide	16.5		µg/kg wet		20.0		83	70-130	3	25
Carbon tetrachloride	18.2		µg/kg wet		20.0		91	70-130	2	25
Chlorobenzene	21.2		µg/kg wet		20.0		106	70-130	8	25
Chloroethane	15.4		µg/kg wet		20.0		77	47.5-130	6	50
Chloroform	19.3		µg/kg wet		20.0		96	70-130	3	25
Chloromethane	16.6		µg/kg wet		20.0		83	70-130	8	25
2-Chlorotoluene	20.9		µg/kg wet		20.0		104	70-130	2	25
4-Chlorotoluene	21.1		µg/kg wet		20.0		105	70-130	1	25
1,2-Dibromo-3-chloropropane	19.3		µg/kg wet		20.0		96	70-130	0.1	25
Dibromochloromethane	19.4		µg/kg wet		20.0		97	66.2-130	1	50
1,2-Dibromoethane (EDB)	18.7		µg/kg wet		20.0		93	70-130	3	25
Dibromomethane	19.6		µg/kg wet		20.0		98	70-130	0.8	25
1,2-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	0.2	25
1,3-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	2	25
1,4-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	3	25
Dichlorodifluoromethane (Freon12)	14.7		µg/kg wet		20.0		74	32-158	8	50
1,1-Dichloroethane	19.6		µg/kg wet		20.0		98	70-130	2	25
1,2-Dichloroethane	19.2		µg/kg wet		20.0		96	70-130	6	25
1,1-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130	5	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100729 - SW846 5035A Soil (low level)										
LCS Dup (8100729-BSD1)										
Prepared & Analyzed: 09-Oct-08										
cis-1,2-Dichloroethene	20.9		µg/kg wet		20.0		105	70-130	0.1	25
trans-1,2-Dichloroethene	18.7		µg/kg wet		20.0		94	70-130	5	25
1,2-Dichloropropane	20.9		µg/kg wet		20.0		104	70-130	3	25
1,3-Dichloropropane	18.9		µg/kg wet		20.0		95	70-130	2	25
2,2-Dichloropropane	17.9		µg/kg wet		20.0		90	70-130	2	25
1,1-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130	4	25
cis-1,3-Dichloropropene	18.8		µg/kg wet		20.0		94	70-130	2	25
trans-1,3-Dichloropropene	18.2		µg/kg wet		20.0		91	70-130	2	25
Ethylbenzene	20.5		µg/kg wet		20.0		103	70-130	2	25
Hexachlorobutadiene	18.5		µg/kg wet		20.0		92	53.6-138	6	50
2-Hexanone (MBK)	16.9		µg/kg wet		20.0		84	70-130	12	25
Isopropylbenzene	18.6		µg/kg wet		20.0		93	70-130	1	25
4-Isopropyltoluene	20.8		µg/kg wet		20.0		104	70-130	0.7	25
Methyl tert-butyl ether	19.4		µg/kg wet		20.0		97	70-130	1	25
4-Methyl-2-pentanone (MIBK)	19.0		µg/kg wet		20.0		95	53.5-137	9	50
Methylene chloride	17.7		µg/kg wet		20.0		89	70-130	5	25
Naphthalene	18.6		µg/kg wet		20.0		93	70-130	3	25
n-Propylbenzene	19.8		µg/kg wet		20.0		99	70-130	1	25
Styrene	21.4		µg/kg wet		20.0		107	70-130	0.8	25
1,1,1,2-Tetrachloroethane	20.0		µg/kg wet		20.0		100	70-130	1	25
1,1,2,2-Tetrachloroethane	19.6		µg/kg wet		20.0		98	70-130	5	25
Tetrachloroethene	18.4		µg/kg wet		20.0		92	70-130	0.5	25
Toluene	18.8		µg/kg wet		20.0		94	70-130	2	25
1,2,3-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	0.3	25
1,2,4-Trichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	1	25
1,3,5-Trichlorobenzene	19.3		µg/kg wet		20.0		97	70-130	2	25
1,1,1-Trichloroethane	19.5		µg/kg wet		20.0		97	70-130	3	25
1,1,2-Trichloroethane	18.5		µg/kg wet		20.0		92	70-130	1	25
Trichloroethene	18.9		µg/kg wet		20.0		95	70-130	0	25
Trichlorofluoromethane (Freon 11)	16.6		µg/kg wet		20.0		83	50.9-138	8	50
1,2,3-Trichloropropane	20.3		µg/kg wet		20.0		101	70-130	3	25
1,2,4-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130	2	25
1,3,5-Trimethylbenzene	20.4		µg/kg wet		20.0		102	70-130	0.4	25
Vinyl chloride	17.8		µg/kg wet		20.0		89	70-130	6	25
m,p-Xylene	41.6		µg/kg wet		40.0		104	70-130	0.3	25
o-Xylene	21.5		µg/kg wet		20.0		108	70-130	1	25
Tetrahydrofuran	20.6		µg/kg wet		20.0		103	70-130	21	25
Ethyl ether	19.5		µg/kg wet		20.0		98	61.4-130	2	50
Tert-amyl methyl ether	20.9		µg/kg wet		20.0		104	70-130	3	25
Ethyl tert-butyl ether	21.9		µg/kg wet		20.0		110	70-130	4	25
Di-isopropyl ether	20.3		µg/kg wet		20.0		101	70-130	0.6	25
Tert-Butanol / butyl alcohol	187		µg/kg wet		200		93	70-130	19	25
1,4-Dioxane	192		µg/kg wet		200		96	48.3-142	14	25
trans-1,4-Dichloro-2-butene	18.0		µg/kg wet		20.0		90	70-130	4	25
Ethanol	341		µg/kg wet		400		85	70-130	6	30
Surrogate: 4-Bromofluorobenzene	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*48.9*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.2*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*49.2*		µg/kg wet		*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 8100821 - SW846 5035A Soil (low level)										
Blank (8100821-BLK1)										
Prepared & Analyzed: 10-Oct-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 8100821 - SW846 5035A Soil (low level)										
Blank (8100821-BLK1)										
Prepared & Analyzed: 10-Oct-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	*62.0*		µg/kg wet		*50.0*		*124*	*70-130*		
Surrogate: Toluene-d8	*39.9*		µg/kg wet		*50.0*		*80*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.2*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*49.8*		µg/kg wet		*50.0*		*100*	*70-130*		
LCS (8100821-BS1)										
Prepared & Analyzed: 10-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.9		µg/kg wet		20.0		90	70-130		
Acetone	9.9		µg/kg wet		20.0		49	0-168		
Acrylonitrile	17.3		µg/kg wet		20.0		87	70-130		
Benzene	18.6		µg/kg wet		20.0		93	70-130		
Bromobenzene	17.8		µg/kg wet		20.0		89	70-130		
Bromochloromethane	17.3		µg/kg wet		20.0		87	70-130		
Bromodichloromethane	16.9		µg/kg wet		20.0		84	70-130		
Bromoform	17.1		µg/kg wet		20.0		86	70-130		
Bromomethane	12.4		µg/kg wet		20.0		62	40.9-138		
2-Butanone (MEK)	130	QC1	µg/kg wet		20.0		648	29.8-145		
n-Butylbenzene	19.6		µg/kg wet		20.0		98	70-130		
sec-Butylbenzene	18.2		µg/kg wet		20.0		91	70-130		
tert-Butylbenzene	17.9		µg/kg wet		20.0		90	70-130		
Carbon disulfide	16.2		µg/kg wet		20.0		81	70-130		
Carbon tetrachloride	14.9		µg/kg wet		20.0		74	70-130		
Chlorobenzene	19.1		µg/kg wet		20.0		95	70-130		
Chloroethane	12.3		µg/kg wet		20.0		61	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 8100821 - SW846 5035A Soil (low level)										
LCS (8100821-BS1)										
Prepared & Analyzed: 10-Oct-08										
Chloroform	15.8		µg/kg wet		20.0		79	70-130		
Chloromethane	14.5		µg/kg wet		20.0		73	70-130		
2-Chlorotoluene	18.9		µg/kg wet		20.0		95	70-130		
4-Chlorotoluene	18.7		µg/kg wet		20.0		94	70-130		
1,2-Dibromo-3-chloropropane	17.1		µg/kg wet		20.0		86	70-130		
Dibromochloromethane	14.7		µg/kg wet		20.0		74	66.2-130		
1,2-Dibromoethane (EDB)	14.2		µg/kg wet		20.0		71	70-130		
Dibromomethane	18.0		µg/kg wet		20.0		90	70-130		
1,2-Dichlorobenzene	19.9		µg/kg wet		20.0		99	70-130		
1,3-Dichlorobenzene	19.0		µg/kg wet		20.0		95	70-130		
1,4-Dichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
Dichlorodifluoromethane (Freon12)	13.5		µg/kg wet		20.0		67	32-158		
1,1-Dichloroethane	17.8		µg/kg wet		20.0		89	70-130		
1,2-Dichloroethane	14.4		µg/kg wet		20.0		72	70-130		
1,1-Dichloroethene	17.0		µg/kg wet		20.0		85	70-130		
cis-1,2-Dichloroethene	18.8		µg/kg wet		20.0		94	70-130		
trans-1,2-Dichloroethene	18.2		µg/kg wet		20.0		91	70-130		
1,2-Dichloropropane	18.8		µg/kg wet		20.0		94	70-130		
1,3-Dichloropropane	14.8		µg/kg wet		20.0		74	70-130		
2,2-Dichloropropane	14.5		µg/kg wet		20.0		73	70-130		
1,1-Dichloropropene	17.7		µg/kg wet		20.0		88	70-130		
cis-1,3-Dichloropropene	15.2		µg/kg wet		20.0		76	70-130		
trans-1,3-Dichloropropene	13.3	QC1	µg/kg wet		20.0		67	70-130		
Ethylbenzene	18.4		µg/kg wet		20.0		92	70-130		
Hexachlorobutadiene	15.9		µg/kg wet		20.0		80	53.6-138		
2-Hexanone (MBK)	15.2		µg/kg wet		20.0		76	70-130		
Isopropylbenzene	17.0		µg/kg wet		20.0		85	70-130		
4-Isopropyltoluene	19.4		µg/kg wet		20.0		97	70-130		
Methyl tert-butyl ether	17.1		µg/kg wet		20.0		86	70-130		
4-Methyl-2-pentanone (MIBK)	12.5		µg/kg wet		20.0		63	53.5-137		
Methylene chloride	18.0		µg/kg wet		20.0		90	70-130		
Naphthalene	17.6		µg/kg wet		20.0		88	70-130		
n-Propylbenzene	18.2		µg/kg wet		20.0		91	70-130		
Styrene	19.9		µg/kg wet		20.0		100	70-130		
1,1,1,2-Tetrachloroethane	17.5		µg/kg wet		20.0		88	70-130		
1,1,2,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95	70-130		
Tetrachloroethene	13.4	QC1	µg/kg wet		20.0		67	70-130		
Toluene	13.5	QC1	µg/kg wet		20.0		68	70-130		
1,2,3-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,2,4-Trichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
1,3,5-Trichlorobenzene	18.1		µg/kg wet		20.0		91	70-130		
1,1,1-Trichloroethane	15.2		µg/kg wet		20.0		76	70-130		
1,1,2-Trichloroethane	14.3		µg/kg wet		20.0		72	70-130		
Trichloroethene	16.7		µg/kg wet		20.0		84	70-130		
Trichlorofluoromethane (Freon 11)	12.7		µg/kg wet		20.0		63	50.9-138		
1,2,3-Trichloropropane	20.0		µg/kg wet		20.0		100	70-130		
1,2,4-Trimethylbenzene	18.6		µg/kg wet		20.0		93	70-130		
1,3,5-Trimethylbenzene	18.1		µg/kg wet		20.0		91	70-130		
Vinyl chloride	16.2		µg/kg wet		20.0		81	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100821 - SW846 5035A Soil (low level)										
LCS (8100821-BS1)										
Prepared & Analyzed: 10-Oct-08										
m,p-Xylene	39.4		µg/kg wet		40.0		99	70-130		
o-Xylene	20.2		µg/kg wet		20.0		101	70-130		
Tetrahydrofuran	17.9		µg/kg wet		20.0		90	70-130		
Ethyl ether	15.6		µg/kg wet		20.0		78	61.4-130		
Tert-amyl methyl ether	11.9	QC2	µg/kg wet		20.0		60	70-130		
Ethyl tert-butyl ether	18.0		µg/kg wet		20.0		90	70-130		
Di-isopropyl ether	17.2		µg/kg wet		20.0		86	70-130		
Tert-Butanol / butyl alcohol	152		µg/kg wet		200		76	70-130		
1,4-Dioxane	164		µg/kg wet		200		82	48.3-142		
trans-1,4-Dichloro-2-butene	15.8		µg/kg wet		20.0		79	70-130		
Ethanol	248	QC1	µg/kg wet		400		62	70-130		
Surrogate: 4-Bromofluorobenzene	*49.4*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*39.1*		µg/kg wet		*50.0*		*78*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*39.2*		µg/kg wet		*50.0*		*78*	*70-130*		
Surrogate: Dibromofluoromethane	*45.3*		µg/kg wet		*50.0*		*91*	*70-130*		
LCS Dup (8100821-BSD1)										
Prepared & Analyzed: 10-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.5		µg/kg wet		20.0		97	70-130	8	25
Acetone	13.0		µg/kg wet		20.0		65	0-168	27	50
Acrylonitrile	20.9		µg/kg wet		20.0		105	70-130	19	25
Benzene	20.7		µg/kg wet		20.0		103	70-130	10	25
Bromobenzene	18.0		µg/kg wet		20.0		90	70-130	1	25
Bromochloromethane	20.0		µg/kg wet		20.0		100	70-130	14	25
Bromodichloromethane	17.2		µg/kg wet		20.0		86	70-130	2	25
Bromoform	16.4		µg/kg wet		20.0		82	70-130	5	25
Bromomethane	14.2		µg/kg wet		20.0		71	40.9-138	13	50
2-Butanone (MEK)	17.0	QR5	µg/kg wet		20.0		85	29.8-145	154	50
n-Butylbenzene	19.4		µg/kg wet		20.0		97	70-130	1	25
sec-Butylbenzene	18.6		µg/kg wet		20.0		93	70-130	2	25
tert-Butylbenzene	18.1		µg/kg wet		20.0		90	70-130	1	25
Carbon disulfide	18.5		µg/kg wet		20.0		93	70-130	14	25
Carbon tetrachloride	16.2		µg/kg wet		20.0		81	70-130	9	25
Chlorobenzene	19.1		µg/kg wet		20.0		95	70-130	0.05	25
Chloroethane	14.4		µg/kg wet		20.0		72	47.5-130	16	50
Chloroform	18.4		µg/kg wet		20.0		92	70-130	15	25
Chloromethane	17.4		µg/kg wet		20.0		87	70-130	18	25
2-Chlorotoluene	18.8		µg/kg wet		20.0		94	70-130	0.8	25
4-Chlorotoluene	18.9		µg/kg wet		20.0		94	70-130	0.9	25
1,2-Dibromo-3-chloropropane	17.6		µg/kg wet		20.0		88	70-130	3	25
Dibromochloromethane	14.4		µg/kg wet		20.0		72	66.2-130	2	50
1,2-Dibromoethane (EDB)	14.4		µg/kg wet		20.0		72	70-130	1	25
Dibromomethane	17.1		µg/kg wet		20.0		86	70-130	5	25
1,2-Dichlorobenzene	18.9		µg/kg wet		20.0		95	70-130	5	25
1,3-Dichlorobenzene	19.6		µg/kg wet		20.0		98	70-130	3	25
1,4-Dichlorobenzene	18.3		µg/kg wet		20.0		92	70-130	2	25
Dichlorodifluoromethane (Freon12)	16.0		µg/kg wet		20.0		80	32-158	17	50
1,1-Dichloroethane	19.8		µg/kg wet		20.0		99	70-130	11	25
1,2-Dichloroethane	16.8		µg/kg wet		20.0		84	70-130	15	25
1,1-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130	14	25
cis-1,2-Dichloroethene	21.5		µg/kg wet		20.0		108	70-130	14	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100821 - SW846 5035A Soil (low level)										
LCS Dup (8100821-BSD1)										
Prepared & Analyzed: 10-Oct-08										
trans-1,2-Dichloroethene	18.6		µg/kg wet		20.0		93	70-130	2	25
1,2-Dichloropropane	17.0		µg/kg wet		20.0		85	70-130	10	25
1,3-Dichloropropane	16.0		µg/kg wet		20.0		80	70-130	8	25
2,2-Dichloropropane	16.4		µg/kg wet		20.0		82	70-130	12	25
1,1-Dichloropropene	20.0		µg/kg wet		20.0		100	70-130	13	25
cis-1,3-Dichloropropene	16.0		µg/kg wet		20.0		80	70-130	5	25
trans-1,3-Dichloropropene	15.1		µg/kg wet		20.0		75	70-130	12	25
Ethylbenzene	18.7		µg/kg wet		20.0		93	70-130	1	25
Hexachlorobutadiene	16.0		µg/kg wet		20.0		80	53.6-138	0.06	50
2-Hexanone (MBK)	16.8		µg/kg wet		20.0		84	70-130	10	25
Isopropylbenzene	17.2		µg/kg wet		20.0		86	70-130	1	25
4-Isopropyltoluene	19.0		µg/kg wet		20.0		95	70-130	2	25
Methyl tert-butyl ether	19.9		µg/kg wet		20.0		99	70-130	15	25
4-Methyl-2-pentanone (MIBK)	12.8		µg/kg wet		20.0		64	53.5-137	2	50
Methylene chloride	19.6		µg/kg wet		20.0		98	70-130	8	25
Naphthalene	17.7		µg/kg wet		20.0		88	70-130	0.6	25
n-Propylbenzene	18.3		µg/kg wet		20.0		92	70-130	0.5	25
Styrene	20.0		µg/kg wet		20.0		100	70-130	0.6	25
1,1,1,2-Tetrachloroethane	16.8		µg/kg wet		20.0		84	70-130	4	25
1,1,2,2-Tetrachloroethane	19.4		µg/kg wet		20.0		97	70-130	2	25
Tetrachloroethene	16.6		µg/kg wet		20.0		83	70-130	21	25
Toluene	17.5	QR5	µg/kg wet		20.0		88	70-130	26	25
1,2,3-Trichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	1	25
1,2,4-Trichlorobenzene	19.1		µg/kg wet		20.0		95	70-130	2	25
1,3,5-Trichlorobenzene	17.9		µg/kg wet		20.0		90	70-130	1	25
1,1,1-Trichloroethane	17.1		µg/kg wet		20.0		85	70-130	12	25
1,1,2-Trichloroethane	18.2		µg/kg wet		20.0		91	70-130	24	25
Trichloroethene	16.3		µg/kg wet		20.0		82	70-130	2	25
Trichlorofluoromethane (Freon 11)	13.6		µg/kg wet		20.0		68	50.9-138	7	50
1,2,3-Trichloropropane	19.5		µg/kg wet		20.0		98	70-130	2	25
1,2,4-Trimethylbenzene	18.8		µg/kg wet		20.0		94	70-130	1	25
1,3,5-Trimethylbenzene	18.1		µg/kg wet		20.0		90	70-130	0.06	25
Vinyl chloride	19.7		µg/kg wet		20.0		99	70-130	20	25
m,p-Xylene	39.9		µg/kg wet		40.0		100	70-130	1	25
o-Xylene	19.6		µg/kg wet		20.0		98	70-130	3	25
Tetrahydrofuran	20.7		µg/kg wet		20.0		104	70-130	14	25
Ethyl ether	20.8		µg/kg wet		20.0		104	61.4-130	29	50
Tert-amyl methyl ether	13.3	QC2	µg/kg wet		20.0		66	70-130	11	25
Ethyl tert-butyl ether	20.5		µg/kg wet		20.0		102	70-130	13	25
Di-isopropyl ether	20.0		µg/kg wet		20.0		100	70-130	15	25
Tert-Butanol / butyl alcohol	193		µg/kg wet		200		97	70-130	24	25
1,4-Dioxane	145		µg/kg wet		200		72	48.3-142	13	25
trans-1,4-Dichloro-2-butene	16.9		µg/kg wet		20.0		85	70-130	7	25
Ethanol	328		µg/kg wet		400		82	70-130	28	30
Surrogate: 4-Bromofluorobenzene	*50.9*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*48.4*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.7*		µg/kg wet		*50.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*54.8*		µg/kg wet		*50.0*		*110*	*70-130*		
Batch 8100858 - SW846 5030 Water MS										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100858 - SW846 5030 Water MS										
Blank (8100858-BLK1)										
Prepared & Analyzed: 10-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100858 - SW846 5030 Water MS										
Blank (8100858-BLK1)										
Prepared & Analyzed: 10-Oct-08										
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,3,5-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0						
Ethanol	BRL		µg/l	400						
Surrogate: 4-Bromofluorobenzene	*53.4*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.3*		µg/l		*50.0*		*93*	*70-130*		
Surrogate: Dibromofluoromethane	*50.5*		µg/l		*50.0*		*101*	*70-130*		
LCS (8100858-BS1)										
Prepared & Analyzed: 10-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.0		µg/l		20.0		110	70-130		
Acetone	18.5		µg/l		20.0		92	31.7-144		
Acrylonitrile	18.0		µg/l		20.0		90	70-130		
Benzene	19.9		µg/l		20.0		99	70-130		
Bromobenzene	24.8		µg/l		20.0		124	70-130		
Bromochloromethane	21.8		µg/l		20.0		109	70-130		
Bromodichloromethane	19.6		µg/l		20.0		98	70-130		
Bromoform	24.8		µg/l		20.0		124	70-130		
Bromomethane	26.2		µg/l		20.0		131	43-158		
2-Butanone (MEK)	19.4		µg/l		20.0		97	54.5-137		
n-Butylbenzene	18.4		µg/l		20.0		92	70-130		
sec-Butylbenzene	23.9		µg/l		20.0		119	70-130		
tert-Butylbenzene	24.1		µg/l		20.0		120	70-130		
Carbon disulfide	18.4		µg/l		20.0		92	70-130		
Carbon tetrachloride	20.9		µg/l		20.0		104	70-130		
Chlorobenzene	23.2		µg/l		20.0		116	70-130		

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* Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100858 - SW846 5030 Water MS										
LCS (8100858-BS1)										
Prepared & Analyzed: 10-Oct-08										
Chloroethane	19.0		µg/l		20.0		95	60.1-131		
Chloroform	19.7		µg/l		20.0		98	70-130		
Chloromethane	18.4		µg/l		20.0		92	70-130		
2-Chlorotoluene	21.5		µg/l		20.0		108	70-130		
4-Chlorotoluene	22.3		µg/l		20.0		111	70-130		
1,2-Dibromo-3-chloropropane	17.0		µg/l		20.0		85	70-130		
Dibromochloromethane	21.8		µg/l		20.0		109	66.2-145		
1,2-Dibromoethane (EDB)	21.2		µg/l		20.0		106	70-130		
Dibromomethane	19.8		µg/l		20.0		99	70-130		
1,2-Dichlorobenzene	20.3		µg/l		20.0		101	70-130		
1,3-Dichlorobenzene	24.9		µg/l		20.0		125	70-130		
1,4-Dichlorobenzene	19.6		µg/l		20.0		98	70-130		
Dichlorodifluoromethane (Freon12)	20.2		µg/l		20.0		101	46.9-168		
1,1-Dichloroethane	19.1		µg/l		20.0		96	70-130		
1,2-Dichloroethane	18.6		µg/l		20.0		93	70-130		
1,1-Dichloroethene	20.9		µg/l		20.0		105	70-130		
cis-1,2-Dichloroethene	21.5		µg/l		20.0		108	70-130		
trans-1,2-Dichloroethene	20.2		µg/l		20.0		101	70-130		
1,2-Dichloropropane	18.9		µg/l		20.0		95	70-130		
1,3-Dichloropropane	19.4		µg/l		20.0		97	70-130		
2,2-Dichloropropane	19.0		µg/l		20.0		95	70-130		
1,1-Dichloropropene	19.6		µg/l		20.0		98	70-130		
cis-1,3-Dichloropropene	19.8		µg/l		20.0		99	70-130		
trans-1,3-Dichloropropene	18.0		µg/l		20.0		90	70-130		
Ethylbenzene	22.2		µg/l		20.0		111	70-130		
Hexachlorobutadiene	19.8		µg/l		20.0		99	70-135		
2-Hexanone (MBK)	17.0		µg/l		20.0		85	70-130		
Isopropylbenzene	20.9		µg/l		20.0		105	70-130		
4-Isopropyltoluene	21.4		µg/l		20.0		107	70-130		
Methyl tert-butyl ether	18.9		µg/l		20.0		94	70-130		
4-Methyl-2-pentanone (MIBK)	18.3		µg/l		20.0		91	57.6-130		
Methylene chloride	20.8		µg/l		20.0		104	70-130		
Naphthalene	18.1		µg/l		20.0		91	70-130		
n-Propylbenzene	22.3		µg/l		20.0		112	70-130		
Styrene	24.0		µg/l		20.0		120	70-130		
1,1,1,2-Tetrachloroethane	22.1		µg/l		20.0		111	70-130		
1,1,2,2-Tetrachloroethane	21.2		µg/l		20.0		106	70-130		
Tetrachloroethene	23.2		µg/l		20.0		116	70-130		
Toluene	20.6		µg/l		20.0		103	70-130		
1,2,3-Trichlorobenzene	20.4		µg/l		20.0		102	70-130		
1,2,4-Trichlorobenzene	19.7		µg/l		20.0		98	70-130		
1,3,5-Trichlorobenzene	19.6		µg/l		20.0		98	70-130		
1,1,1-Trichloroethane	20.8		µg/l		20.0		104	70-130		
1,1,2-Trichloroethane	20.1		µg/l		20.0		100	70-130		
Trichloroethene	20.2		µg/l		20.0		101	70-130		
Trichlorofluoromethane (Freon 11)	19.0		µg/l		20.0		95	64.9-147		
1,2,3-Trichloropropane	23.1		µg/l		20.0		116	70-130		
1,2,4-Trimethylbenzene	23.9		µg/l		20.0		120	70-130		
1,3,5-Trimethylbenzene	23.2		µg/l		20.0		116	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100858 - SW846 5030 Water MS										
LCS (8100858-BS1)										
Prepared & Analyzed: 10-Oct-08										
Vinyl chloride	21.0		µg/l		20.0		105	70-130		
m,p-Xylene	46.2		µg/l		40.0		115	70-130		
o-Xylene	23.6		µg/l		20.0		118	70-130		
Tetrahydrofuran	18.3		µg/l		20.0		92	70-130		
Ethyl ether	19.1		µg/l		20.0		95	70-130		
Tert-amyl methyl ether	18.1		µg/l		20.0		90	70-130		
Ethyl tert-butyl ether	19.5		µg/l		20.0		98	70-130		
Di-isopropyl ether	17.3		µg/l		20.0		86	70-130		
Tert-Butanol / butyl alcohol	220		µg/l		200		110	70-130		
1,4-Dioxane	264		µg/l		200		132	53.8-137		
trans-1,4-Dichloro-2-butene	18.8		µg/l		20.0		94	70-130		
Ethanol	458		µg/l		400		115	70-130		
Surrogate: 4-Bromofluorobenzene	*55.2*		µg/l		*50.0*		*110*	*70-130*		
Surrogate: Toluene-d8	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.9*		µg/l		*50.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*51.0*		µg/l		*50.0*		*102*	*70-130*		
LCS Dup (8100858-BSD1)										
Prepared & Analyzed: 10-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.5		µg/l		20.0		102	70-130	7	25
Acetone	18.5		µg/l		20.0		92	31.7-144	0	50
Acrylonitrile	18.0		µg/l		20.0		90	70-130	0.06	25
Benzene	19.1		µg/l		20.0		96	70-130	4	25
Bromobenzene	23.8		µg/l		20.0		119	70-130	4	25
Bromochloromethane	21.2		µg/l		20.0		106	70-130	3	25
Bromodichloromethane	19.3		µg/l		20.0		97	70-130	1	25
Bromoform	23.4		µg/l		20.0		117	70-130	6	25
Bromomethane	25.5		µg/l		20.0		127	43-158	3	50
2-Butanone (MEK)	17.8		µg/l		20.0		89	54.5-137	9	50
n-Butylbenzene	17.4		µg/l		20.0		87	70-130	6	25
sec-Butylbenzene	22.5		µg/l		20.0		112	70-130	6	25
tert-Butylbenzene	22.8		µg/l		20.0		114	70-130	5	25
Carbon disulfide	17.1		µg/l		20.0		86	70-130	7	25
Carbon tetrachloride	19.8		µg/l		20.0		99	70-130	5	25
Chlorobenzene	22.0		µg/l		20.0		110	70-130	5	25
Chloroethane	18.4		µg/l		20.0		92	60.1-131	3	50
Chloroform	19.2		µg/l		20.0		96	70-130	3	25
Chloromethane	17.5		µg/l		20.0		88	70-130	5	25
2-Chlorotoluene	20.3		µg/l		20.0		102	70-130	6	25
4-Chlorotoluene	21.3		µg/l		20.0		106	70-130	5	25
1,2-Dibromo-3-chloropropane	15.8		µg/l		20.0		79	70-130	7	25
Dibromochloromethane	21.2		µg/l		20.0		106	66.2-145	3	50
1,2-Dibromoethane (EDB)	21.0		µg/l		20.0		105	70-130	1	25
Dibromomethane	19.7		µg/l		20.0		99	70-130	0.3	25
1,2-Dichlorobenzene	19.6		µg/l		20.0		98	70-130	4	25
1,3-Dichlorobenzene	23.6		µg/l		20.0		118	70-130	6	25
1,4-Dichlorobenzene	19.0		µg/l		20.0		95	70-130	4	25
Dichlorodifluoromethane (Freon12)	19.7		µg/l		20.0		98	46.9-168	3	50
1,1-Dichloroethane	18.7		µg/l		20.0		93	70-130	2	25
1,2-Dichloroethane	18.4		µg/l		20.0		92	70-130	0.9	25
1,1-Dichloroethene	20.3		µg/l		20.0		101	70-130	3	25

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* Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100858 - SW846 5030 Water MS										
LCS Dup (8100858-BSD1)										
Prepared & Analyzed: 10-Oct-08										
cis-1,2-Dichloroethene	20.8		µg/l		20.0		104	70-130	4	25
trans-1,2-Dichloroethene	19.3		µg/l		20.0		96	70-130	5	25
1,2-Dichloropropane	18.5		µg/l		20.0		92	70-130	2	25
1,3-Dichloropropane	19.2		µg/l		20.0		96	70-130	2	25
2,2-Dichloropropane	17.9		µg/l		20.0		89	70-130	6	25
1,1-Dichloropropene	18.4		µg/l		20.0		92	70-130	6	25
cis-1,3-Dichloropropene	19.3		µg/l		20.0		96	70-130	3	25
trans-1,3-Dichloropropene	17.7		µg/l		20.0		89	70-130	1	25
Ethylbenzene	20.9		µg/l		20.0		105	70-130	6	25
Hexachlorobutadiene	18.1		µg/l		20.0		90	70-135	9	50
2-Hexanone (MBK)	16.5		µg/l		20.0		83	70-130	3	25
Isopropylbenzene	20.0		µg/l		20.0		100	70-130	5	25
4-Isopropyltoluene	20.4		µg/l		20.0		102	70-130	5	25
Methyl tert-butyl ether	18.9		µg/l		20.0		94	70-130	0.05	25
4-Methyl-2-pentanone (MIBK)	17.1		µg/l		20.0		86	57.6-130	6	50
Methylene chloride	20.5		µg/l		20.0		102	70-130	1	25
Naphthalene	17.1		µg/l		20.0		85	70-130	6	25
n-Propylbenzene	21.3		µg/l		20.0		107	70-130	5	25
Styrene	22.8		µg/l		20.0		114	70-130	5	25
1,1,1,2-Tetrachloroethane	21.6		µg/l		20.0		108	70-130	2	25
1,1,2,2-Tetrachloroethane	20.4		µg/l		20.0		102	70-130	4	25
Tetrachloroethene	21.8		µg/l		20.0		109	70-130	6	25
Toluene	20.0		µg/l		20.0		100	70-130	3	25
1,2,3-Trichlorobenzene	18.7		µg/l		20.0		94	70-130	8	25
1,2,4-Trichlorobenzene	18.4		µg/l		20.0		92	70-130	6	25
1,3,5-Trichlorobenzene	18.8		µg/l		20.0		94	70-130	4	25
1,1,1-Trichloroethane	19.8		µg/l		20.0		99	70-130	5	25
1,1,2-Trichloroethane	20.2		µg/l		20.0		101	70-130	0.5	25
Trichloroethene	18.9		µg/l		20.0		95	70-130	6	25
Trichlorofluoromethane (Freon 11)	18.0		µg/l		20.0		90	64.9-147	5	50
1,2,3-Trichloropropane	22.6		µg/l		20.0		113	70-130	2	25
1,2,4-Trimethylbenzene	23.0		µg/l		20.0		115	70-130	4	25
1,3,5-Trimethylbenzene	22.0		µg/l		20.0		110	70-130	5	25
Vinyl chloride	19.6		µg/l		20.0		98	70-130	7	25
m,p-Xylene	44.1		µg/l		40.0		110	70-130	4	25
o-Xylene	22.9		µg/l		20.0		114	70-130	3	25
Tetrahydrofuran	17.3		µg/l		20.0		86	70-130	6	25
Ethyl ether	19.2		µg/l		20.0		96	70-130	0.5	50
Tert-amyl methyl ether	18.4		µg/l		20.0		92	70-130	1	25
Ethyl tert-butyl ether	19.3		µg/l		20.0		97	70-130	0.9	25
Di-isopropyl ether	17.2		µg/l		20.0		86	70-130	0.3	25
Tert-Butanol / butyl alcohol	204		µg/l		200		102	70-130	7	25
1,4-Dioxane	241		µg/l		200		120	53.8-137	9	25
trans-1,4-Dichloro-2-butene	18.0		µg/l		20.0		90	70-130	4	25
Ethanol	437		µg/l		400		109	70-130	5	30
Surrogate: 4-Bromofluorobenzene	*54.1*		µg/l		*50.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.7*		µg/l		*50.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*51.3*		µg/l		*50.0*		*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 8100858 - SW846 5030 Water MS										
Matrix Spike (8100858-MS1) Source: SA85599-04										
Prepared: 10-Oct-08 Analyzed: 11-Oct-08										
Benzene	23.2		µg/l		20.0	6.1	85	70-130		
Chlorobenzene	19.4		µg/l		20.0	BRL	97	70-130		
1,1-Dichloroethene	19.6		µg/l		20.0	BRL	98	70-130		
Toluene	19.9		µg/l		20.0	1.8	91	70-130		
Trichloroethene	18.8		µg/l		20.0	BRL	94	70-130		
Surrogate: 4-Bromofluorobenzene	*54.5*		µg/l		*50.0*		*109*	*70-130*		
Surrogate: Toluene-d8	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.0*		µg/l		*50.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*51.9*		µg/l		*50.0*		*104*	*70-130*		
Matrix Spike Dup (8100858-MSD1) Source: SA85599-04										
Prepared: 10-Oct-08 Analyzed: 11-Oct-08										
Benzene	22.8		µg/l		20.0	6.1	84	70-130	2	30
Chlorobenzene	19.8		µg/l		20.0	BRL	99	70-130	2	30
1,1-Dichloroethene	20.0		µg/l		20.0	BRL	100	70-130	2	30
Toluene	19.8		µg/l		20.0	1.8	90	70-130	0.3	30
Trichloroethene	18.6		µg/l		20.0	BRL	93	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*54.1*		µg/l		*50.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.2*		µg/l		*50.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*51.1*		µg/l		*50.0*		*102*	*70-130*		
Batch 8100970 - SW846 5030 Soil (high level)										
Blank (8100970-BLK1)										
Prepared & Analyzed: 14-Oct-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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100970 - SW846 5030 Soil (high level)										
Blank (8100970-BLK1)										
Prepared & Analyzed: 14-Oct-08										
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						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100970 - SW846 5030 Soil (high level)										
Blank (8100970-BLK1)										
Prepared & Analyzed: 14-Oct-08										
Ethanol	BRL		µg/kg wet	400						
Surrogate: 4-Bromofluorobenzene	*31.2*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*30.8*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.7*		µg/kg wet		*30.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*31.2*		µg/kg wet		*30.0*		*104*	*70-130*		
LCS (8100970-BS1)										
Prepared & Analyzed: 14-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	16.4		µg/kg wet		20.0		82	70-130		
Acetone	12.6		µg/kg wet		20.0		63	0-168		
Acrylonitrile	15.8		µg/kg wet		20.0		79	70-130		
Benzene	19.0		µg/kg wet		20.0		95	70-130		
Bromobenzene	21.0		µg/kg wet		20.0		105	70-130		
Bromochloromethane	18.8		µg/kg wet		20.0		94	70-130		
Bromodichloromethane	23.0		µg/kg wet		20.0		115	70-130		
Bromoform	21.8		µg/kg wet		20.0		109	70-130		
Bromomethane	16.5		µg/kg wet		20.0		83	40.9-138		
2-Butanone (MEK)	15.3		µg/kg wet		20.0		77	29.8-145		
n-Butylbenzene	19.4		µg/kg wet		20.0		97	70-130		
sec-Butylbenzene	20.2		µg/kg wet		20.0		101	70-130		
tert-Butylbenzene	20.7		µg/kg wet		20.0		104	70-130		
Carbon disulfide	17.9		µg/kg wet		20.0		89	70-130		
Carbon tetrachloride	18.4		µg/kg wet		20.0		92	70-130		
Chlorobenzene	19.5		µg/kg wet		20.0		98	70-130		
Chloroethane	15.2		µg/kg wet		20.0		76	47.5-130		
Chloroform	17.2		µg/kg wet		20.0		86	70-130		
Chloromethane	17.2		µg/kg wet		20.0		86	70-130		
2-Chlorotoluene	19.7		µg/kg wet		20.0		99	70-130		
4-Chlorotoluene	21.1		µg/kg wet		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	20.6		µg/kg wet		20.0		103	70-130		
Dibromochloromethane	25.8		µg/kg wet		20.0		129	66.2-130		
1,2-Dibromoethane (EDB)	22.1		µg/kg wet		20.0		110	70-130		
Dibromomethane	18.7		µg/kg wet		20.0		94	70-130		
1,2-Dichlorobenzene	20.1		µg/kg wet		20.0		100	70-130		
1,3-Dichlorobenzene	20.7		µg/kg wet		20.0		104	70-130		
1,4-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130		
Dichlorodifluoromethane (Freon12)	20.2		µg/kg wet		20.0		101	32-158		
1,1-Dichloroethane	14.5		µg/kg wet		20.0		73	70-130		
1,2-Dichloroethane	17.7		µg/kg wet		20.0		88	70-130		
1,1-Dichloroethene	16.0		µg/kg wet		20.0		80	70-130		
cis-1,2-Dichloroethene	15.7		µg/kg wet		20.0		78	70-130		
trans-1,2-Dichloroethene	14.5		µg/kg wet		20.0		72	70-130		
1,2-Dichloropropane	18.9		µg/kg wet		20.0		95	70-130		
1,3-Dichloropropane	18.8		µg/kg wet		20.0		94	70-130		
2,2-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130		
1,1-Dichloropropene	18.9		µg/kg wet		20.0		94	70-130		
cis-1,3-Dichloropropene	24.6		µg/kg wet		20.0		123	70-130		
trans-1,3-Dichloropropene	26.7	QC2	µg/kg wet		20.0		133	70-130		
Ethylbenzene	19.9		µg/kg wet		20.0		100	70-130		
Hexachlorobutadiene	19.4		µg/kg wet		20.0		97	53.6-138		
2-Hexanone (MBK)	16.1		µg/kg wet		20.0		80	70-130		

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* Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100970 - SW846 5030 Soil (high level)										
LCS (8100970-BS1)										
Prepared & Analyzed: 14-Oct-08										
Isopropylbenzene	19.5		µg/kg wet		20.0		98	70-130		
4-Isopropyltoluene	20.2		µg/kg wet		20.0		101	70-130		
Methyl tert-butyl ether	15.3		µg/kg wet		20.0		76	70-130		
4-Methyl-2-pentanone (MIBK)	17.9		µg/kg wet		20.0		90	53.5-137		
Methylene chloride	17.0		µg/kg wet		20.0		85	70-130		
Naphthalene	22.4		µg/kg wet		20.0		112	70-130		
n-Propylbenzene	19.7		µg/kg wet		20.0		98	70-130		
Styrene	21.5		µg/kg wet		20.0		107	70-130		
1,1,1,2-Tetrachloroethane	29.1	QC2	µg/kg wet		20.0		145	70-130		
1,1,2,2-Tetrachloroethane	21.0		µg/kg wet		20.0		105	70-130		
Tetrachloroethene	19.3		µg/kg wet		20.0		97	70-130		
Toluene	18.8		µg/kg wet		20.0		94	70-130		
1,2,3-Trichlorobenzene	19.8		µg/kg wet		20.0		99	70-130		
1,2,4-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,3,5-Trichlorobenzene	18.3		µg/kg wet		20.0		92	70-130		
1,1,1-Trichloroethane	19.2		µg/kg wet		20.0		96	70-130		
1,1,2-Trichloroethane	20.1		µg/kg wet		20.0		100	70-130		
Trichloroethene	18.2		µg/kg wet		20.0		91	70-130		
Trichlorofluoromethane (Freon 11)	16.0		µg/kg wet		20.0		80	50.9-138		
1,2,3-Trichloropropane	22.2		µg/kg wet		20.0		111	70-130		
1,2,4-Trimethylbenzene	21.7		µg/kg wet		20.0		108	70-130		
1,3,5-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130		
Vinyl chloride	19.1		µg/kg wet		20.0		96	70-130		
m,p-Xylene	43.2		µg/kg wet		40.0		108	70-130		
o-Xylene	22.2		µg/kg wet		20.0		111	70-130		
Tetrahydrofuran	18.9		µg/kg wet		20.0		94	70-130		
Ethyl ether	14.2		µg/kg wet		20.0		71	61.4-130		
Tert-amyl methyl ether	16.6		µg/kg wet		20.0		83	70-130		
Ethyl tert-butyl ether	21.5		µg/kg wet		20.0		107	70-130		
Di-isopropyl ether	14.9		µg/kg wet		20.0		75	70-130		
Tert-Butanol / butyl alcohol	163		µg/kg wet		200		82	70-130		
1,4-Dioxane	202		µg/kg wet		200		101	48.3-142		
trans-1,4-Dichloro-2-butene	22.3		µg/kg wet		20.0		112	70-130		
Ethanol	376		µg/kg wet		400		94	70-130		
Surrogate: 4-Bromofluorobenzene	*31.6*		µg/kg wet		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*30.7*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.2*		µg/kg wet		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*28.3*		µg/kg wet		*30.0*		*94*	*70-130*		
LCS Dup (8100970-BSD1)										
Prepared & Analyzed: 14-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.5		µg/kg wet		20.0		88	70-130	7	25
Acetone	14.7		µg/kg wet		20.0		73	0-168	15	50
Acrylonitrile	16.7		µg/kg wet		20.0		83	70-130	5	25
Benzene	19.0		µg/kg wet		20.0		95	70-130	0.5	25
Bromobenzene	19.9		µg/kg wet		20.0		100	70-130	5	25
Bromochloromethane	18.4		µg/kg wet		20.0		92	70-130	2	25
Bromodichloromethane	22.6		µg/kg wet		20.0		113	70-130	2	25
Bromoform	20.8		µg/kg wet		20.0		104	70-130	4	25
Bromomethane	16.8		µg/kg wet		20.0		84	40.9-138	1	50
2-Butanone (MEK)	15.9		µg/kg wet		20.0		79	29.8-145	3	50

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100970 - SW846 5030 Soil (high level)										
LCS Dup (8100970-BSD1)										
Prepared & Analyzed: 14-Oct-08										
n-Butylbenzene	19.6		µg/kg wet		20.0		98	70-130	1	25
sec-Butylbenzene	19.5		µg/kg wet		20.0		97	70-130	4	25
tert-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130	3	25
Carbon disulfide	18.2		µg/kg wet		20.0		91	70-130	2	25
Carbon tetrachloride	17.6		µg/kg wet		20.0		88	70-130	4	25
Chlorobenzene	19.2		µg/kg wet		20.0		96	70-130	1	25
Chloroethane	15.0		µg/kg wet		20.0		75	47.5-130	1	50
Chloroform	17.0		µg/kg wet		20.0		85	70-130	1	25
Chloromethane	18.1		µg/kg wet		20.0		90	70-130	5	25
2-Chlorotoluene	20.0		µg/kg wet		20.0		100	70-130	1	25
4-Chlorotoluene	21.0		µg/kg wet		20.0		105	70-130	0.3	25
1,2-Dibromo-3-chloropropane	22.0		µg/kg wet		20.0		110	70-130	6	25
Dibromochloromethane	25.0		µg/kg wet		20.0		125	66.2-130	3	50
1,2-Dibromoethane (EDB)	21.6		µg/kg wet		20.0		108	70-130	2	25
Dibromomethane	19.3		µg/kg wet		20.0		96	70-130	3	25
1,2-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	0.6	25
1,3-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130	8	25
1,4-Dichlorobenzene	19.9		µg/kg wet		20.0		99	70-130	3	25
Dichlorodifluoromethane (Freon12)	21.6		µg/kg wet		20.0		108	32-158	7	50
1,1-Dichloroethane	15.1		µg/kg wet		20.0		76	70-130	4	25
1,2-Dichloroethane	17.8		µg/kg wet		20.0		89	70-130	0.8	25
1,1-Dichloroethene	15.3		µg/kg wet		20.0		76	70-130	5	25
cis-1,2-Dichloroethene	15.8		µg/kg wet		20.0		79	70-130	0.9	25
trans-1,2-Dichloroethene	14.2		µg/kg wet		20.0		71	70-130	2	25
1,2-Dichloropropane	19.3		µg/kg wet		20.0		96	70-130	2	25
1,3-Dichloropropane	19.3		µg/kg wet		20.0		97	70-130	3	25
2,2-Dichloropropane	19.5		µg/kg wet		20.0		98	70-130	3	25
1,1-Dichloropropene	19.4		µg/kg wet		20.0		97	70-130	3	25
cis-1,3-Dichloropropene	24.4		µg/kg wet		20.0		122	70-130	0.6	25
trans-1,3-Dichloropropene	26.9	QC2	µg/kg wet		20.0		134	70-130	0.7	25
Ethylbenzene	20.1		µg/kg wet		20.0		101	70-130	0.9	25
Hexachlorobutadiene	18.4		µg/kg wet		20.0		92	53.6-138	5	50
2-Hexanone (MBK)	18.7		µg/kg wet		20.0		94	70-130	15	25
Isopropylbenzene	19.1		µg/kg wet		20.0		96	70-130	2	25
4-Isopropyltoluene	20.3		µg/kg wet		20.0		102	70-130	0.7	25
Methyl tert-butyl ether	15.3		µg/kg wet		20.0		76	70-130	0.2	25
4-Methyl-2-pentanone (MIBK)	18.8		µg/kg wet		20.0		94	53.5-137	5	50
Methylene chloride	18.1		µg/kg wet		20.0		90	70-130	6	25
Naphthalene	23.2		µg/kg wet		20.0		116	70-130	3	25
n-Propylbenzene	19.0		µg/kg wet		20.0		95	70-130	3	25
Styrene	21.0		µg/kg wet		20.0		105	70-130	2	25
1,1,1,2-Tetrachloroethane	26.7	QC2	µg/kg wet		20.0		134	70-130	8	25
1,1,2,2-Tetrachloroethane	20.7		µg/kg wet		20.0		104	70-130	2	25
Tetrachloroethene	18.5		µg/kg wet		20.0		92	70-130	4	25
Toluene	18.7		µg/kg wet		20.0		93	70-130	0.6	25
1,2,3-Trichlorobenzene	19.5		µg/kg wet		20.0		98	70-130	2	25
1,2,4-Trichlorobenzene	18.4		µg/kg wet		20.0		92	70-130	2	25
1,3,5-Trichlorobenzene	17.8		µg/kg wet		20.0		89	70-130	3	25
1,1,1-Trichloroethane	18.5		µg/kg wet		20.0		92	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 8100970 - SW846 5030 Soil (high level)										
LCS Dup (8100970-BSD1)										
Prepared & Analyzed: 14-Oct-08										
1,1,2-Trichloroethane	20.5		µg/kg wet		20.0		103	70-130	2	25
Trichloroethene	18.0		µg/kg wet		20.0		90	70-130	1	25
Trichlorofluoromethane (Freon 11)	15.9		µg/kg wet		20.0		79	50.9-138	0.6	50
1,2,3-Trichloropropane	22.4		µg/kg wet		20.0		112	70-130	0.7	25
1,2,4-Trimethylbenzene	21.7		µg/kg wet		20.0		108	70-130	0.09	25
1,3,5-Trimethylbenzene	20.0		µg/kg wet		20.0		100	70-130	3	25
Vinyl chloride	19.3		µg/kg wet		20.0		96	70-130	0.8	25
m,p-Xylene	41.6		µg/kg wet		40.0		104	70-130	4	25
o-Xylene	22.2		µg/kg wet		20.0		111	70-130	0	25
Tetrahydrofuran	20.6		µg/kg wet		20.0		103	70-130	9	25
Ethyl ether	15.1		µg/kg wet		20.0		75	61.4-130	6	50
Tert-amyl methyl ether	17.6		µg/kg wet		20.0		88	70-130	6	25
Ethyl tert-butyl ether	22.2		µg/kg wet		20.0		111	70-130	3	25
Di-isopropyl ether	16.0		µg/kg wet		20.0		80	70-130	7	25
Tert-Butanol / butyl alcohol	179		µg/kg wet		200		90	70-130	9	25
1,4-Dioxane	198		µg/kg wet		200		99	48.3-142	2	25
trans-1,4-Dichloro-2-butene	22.3		µg/kg wet		20.0		112	70-130	0.04	25
Ethanol	412		µg/kg wet		400		103	70-130	9	30
Surrogate: 4-Bromofluorobenzene	*31.4*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*30.6*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.9*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*27.7*		µg/kg wet		*30.0*		*92*	*70-130*		
Matrix Spike (8100970-MS1)	**Source: SA85690-08**									
Prepared & Analyzed: 14-Oct-08										
Benzene	12.1	QM7	µg/kg dry		20.0	BRL	61	70-130		
Chlorobenzene	17.6		µg/kg dry		20.0	BRL	88	70-130		
1,1-Dichloroethene	7.6	QM7	µg/kg dry		20.0	BRL	38	70-130		
Toluene	14.8		µg/kg dry		20.0	BRL	74	70-130		
Trichloroethene	12.9	QM7	µg/kg dry		20.0	BRL	64	70-130		
Surrogate: 4-Bromofluorobenzene	*31.0*		µg/kg dry		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*32.0*		µg/kg dry		*30.0*		*107*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.2*		µg/kg dry		*30.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*31.2*		µg/kg dry		*30.0*		*104*	*70-130*		
Matrix Spike Dup (8100970-MSD1)	**Source: SA85690-08**									
Prepared & Analyzed: 14-Oct-08										
Benzene	12.6	QM7	µg/kg dry		20.0	BRL	63	70-130	4	30
Chlorobenzene	18.6		µg/kg dry		20.0	BRL	93	70-130	6	30
1,1-Dichloroethene	8.4	QM7	µg/kg dry		20.0	BRL	42	70-130	10	30
Toluene	15.0		µg/kg dry		20.0	BRL	75	70-130	0.9	30
Trichloroethene	13.1	QM7	µg/kg dry		20.0	BRL	65	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*32.1*		µg/kg dry		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*32.3*		µg/kg dry		*30.0*		*108*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.1*		µg/kg dry		*30.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*31.6*		µg/kg dry		*30.0*		*105*	*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 8100724 - SW846 3510C										
Blank (8100724-BLK1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Acenaphthene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	0.050						
1-Methylnaphthalene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	0.050						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Chrysene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Fluoranthene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	0.050						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
2-Methylnaphthalene	BRL		µg/l	0.050						
Naphthalene	BRL		µg/l	0.050						
Phenanthrene	BRL		µg/l	0.050						
Pyrene	BRL		µg/l	0.050						
Hexachlorobenzene	BRL		µg/l	1.00						
Hexachloroethane	BRL		µg/l	1.00						
Pentachlorophenol	BRL		µg/l	1.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
Surrogate: 2-Fluorobiphenyl	*31.6*		µg/l		*50.0*		*63*	*30-130*		
Surrogate: Terphenyl-d14	*33.5*		µg/l		*50.0*		*67*	*30-130*		
LCS (8100724-BS1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Acenaphthene	35.8		µg/l	0.050	50.0		72	40-140		
Acenaphthylene	34.0		µg/l	0.050	50.0		68	40-140		
1-Methylnaphthalene	34.7		µg/l	0.050	50.0		69	40-140		
Anthracene	37.0		µg/l	0.050	50.0		74	40-140		
Benzo (a) anthracene	35.6		µg/l	0.050	50.0		71	40-140		
Benzo (a) pyrene	34.7		µg/l	0.050	50.0		69	40-140		
Benzo (b) fluoranthene	32.8		µg/l	0.050	50.0		66	40-140		
Benzo (g,h,i) perylene	32.4		µg/l	0.050	50.0		65	40-140		
Benzo (k) fluoranthene	36.8		µg/l	0.050	50.0		74	40-140		
Chrysene	37.4		µg/l	0.050	50.0		75	40-140		
Dibenzo (a,h) anthracene	34.8		µg/l	0.050	50.0		70	40-140		
Fluoranthene	35.3		µg/l	0.050	50.0		71	40-140		
Fluorene	36.8		µg/l	0.050	50.0		74	40-140		
Indeno (1,2,3-cd) pyrene	31.2		µg/l	0.050	50.0		62	40-140		
2-Methylnaphthalene	37.4		µg/l	0.050	50.0		75	40-140		
Naphthalene	36.5		µg/l	0.050	50.0		73	40-140		
Phenanthrene	35.2		µg/l	0.050	50.0		70	40-140		
Pyrene	36.9		µg/l	0.050	50.0		74	40-140		
Hexachlorobenzene	32.4		µg/l	1.00	50.0		65	40-140		
Hexachloroethane	33.4		µg/l	1.00	50.0		67	40-140		
Pentachlorophenol	24.3		µg/l	1.00	50.0		49	30-130		
Hexachlorobutadiene	31.9		µg/l	0.500	50.0		64	40-140		
Surrogate: 2-Fluorobiphenyl	*31.8*		µg/l		*50.0*		*64*	*30-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100724 - SW846 3510C										
LCS (8100724-BS1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Surrogate: Terphenyl-d14	*32.8*		µg/l		*50.0*		*66*	*30-130*		
Batch 8100877 - SW846 3545A										
Blank (8100877-BLK1)										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Acenaphthene	BRL		µg/kg wet	66.5						
Acenaphthylene	BRL		µg/kg wet	66.5						
Anthracene	BRL		µg/kg wet	66.5						
Benzo (a) anthracene	BRL		µg/kg wet	66.5						
Benzo (a) pyrene	BRL		µg/kg wet	66.5						
Benzo (b) fluoranthene	BRL		µg/kg wet	66.5						
Benzo (g,h,i) perylene	BRL		µg/kg wet	66.5						
Benzo (k) fluoranthene	BRL		µg/kg wet	66.5						
Chrysene	BRL		µg/kg wet	66.5						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	66.5						
Fluoranthene	BRL		µg/kg wet	66.5						
Fluorene	BRL		µg/kg wet	66.5						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	66.5						
1-Methylnaphthalene	BRL		µg/kg wet	66.5						
2-Methylnaphthalene	BRL		µg/kg wet	66.5						
Naphthalene	BRL		µg/kg wet	66.5						
Phenanthrene	BRL		µg/kg wet	66.5						
Pyrene	BRL		µg/kg wet	66.5						
Surrogate: 2-Fluorobiphenyl	*2680*		µg/kg wet		*3330*		*80*	*30-130*		
Surrogate: Terphenyl-d14	*2800*		µg/kg wet		*3330*		*84*	*30-130*		
LCS (8100877-BS1)										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Acenaphthene	2920		µg/kg wet	66.5	3330		87	40-140		
Acenaphthylene	2970		µg/kg wet	66.5	3330		89	40-140		
Anthracene	2990		µg/kg wet	66.5	3330		90	40-140		
Benzo (a) anthracene	3140		µg/kg wet	66.5	3330		94	40-140		
Benzo (a) pyrene	2900		µg/kg wet	66.5	3330		87	40-140		
Benzo (b) fluoranthene	2650		µg/kg wet	66.5	3330		80	40-140		
Benzo (g,h,i) perylene	2640		µg/kg wet	66.5	3330		79	40-140		
Benzo (k) fluoranthene	3040		µg/kg wet	66.5	3330		91	40-140		
Chrysene	3300		µg/kg wet	66.5	3330		99	40-140		
Dibenzo (a,h) anthracene	2930		µg/kg wet	66.5	3330		88	40-140		
Fluoranthene	2870		µg/kg wet	66.5	3330		86	40-140		
Fluorene	3040		µg/kg wet	66.5	3330		91	40-140		
Indeno (1,2,3-cd) pyrene	2660		µg/kg wet	66.5	3330		80	40-140		
1-Methylnaphthalene	2890		µg/kg wet	66.5	3330		87	40-140		
2-Methylnaphthalene	2630		µg/kg wet	66.5	3330		79	40-140		
Naphthalene	2610		µg/kg wet	66.5	3330		78	40-140		
Phenanthrene	2720		µg/kg wet	66.5	3330		82	40-140		
Pyrene	3040		µg/kg wet	66.5	3330		91	40-140		
Surrogate: 2-Fluorobiphenyl	*2690*		µg/kg wet		*3330*		*81*	*30-130*		
Surrogate: Terphenyl-d14	*2740*		µg/kg wet		*3330*		*82*	*30-130*		
Duplicate (8100877-DUP1) **Source: SA66497-01**										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100877 - SW846 3545A										
Duplicate (8100877-DUP1) Source: SA85697-01										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Acenaphthene	BRL		µg/kg dry	138		BRL				50
Acenaphthylene	BRL		µg/kg dry	138		BRL				50
Anthracene	BRL		µg/kg dry	138		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	138		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	138		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	138		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	138		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	138		BRL				50
Chrysene	BRL		µg/kg dry	138		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	138		BRL				50
Fluoranthene	BRL		µg/kg dry	138		BRL				50
Fluorene	BRL		µg/kg dry	138		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	138		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	138		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	138		BRL				50
Naphthalene	BRL		µg/kg dry	138		BRL				50
Phenanthrene	BRL		µg/kg dry	138		BRL				50
Pyrene	BRL		µg/kg dry	138		BRL				50
Surrogate: 2-Fluorobiphenyl	*2580*		µg/kg dry		*3460*		*75*	*30-130*		
Surrogate: Terphenyl-d14	*2690*		µg/kg dry		*3460*		*78*	*30-130*		
Matrix Spike (8100877-MS1) Source: SA85697-01										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Acenaphthene	2830		µg/kg dry	70.1	3510	BRL	81	40-140		
Pyrene	3100		µg/kg dry	70.1	3510	BRL	88	40-140		
Surrogate: 2-Fluorobiphenyl	*2650*		µg/kg dry		*3510*		*75*	*30-130*		
Surrogate: Terphenyl-d14	*2760*		µg/kg dry		*3510*		*79*	*30-130*		
Matrix Spike Dup (8100877-MSD1) Source: SA85697-01										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Acenaphthene	2830		µg/kg dry	70.0	3510	BRL	81	40-140	0.1	30
Pyrene	3160		µg/kg dry	70.0	3510	BRL	90	40-140	2	30
Surrogate: 2-Fluorobiphenyl	*2680*		µg/kg dry		*3510*		*76*	*30-130*		
Surrogate: Terphenyl-d14	*2760*		µg/kg dry		*3510*		*79*	*30-130*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100746 - SW846 3510C										
Blank (8100746-BLK1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
PCB 1016	BRL		µg/l	0.200						
PCB 1221	BRL		µg/l	0.200						
PCB 1232	BRL		µg/l	0.200						
PCB 1242	BRL		µg/l	0.200						
PCB 1248	BRL		µg/l	0.200						
PCB 1254	BRL		µg/l	0.200						
PCB 1260	BRL		µg/l	0.200						
PCB 1262	BRL		µg/l	0.200						
PCB 1268	BRL		µg/l	0.200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*BRL*		µg/l		*0.200*		*86*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*BRL*		µg/l		*0.200*		*78*	*30-150*		
LCS (8100746-BS1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
PCB 1016	2.59		µg/l	0.200	2.50		104	40-140		
PCB 1260	2.30		µg/l	0.200	2.50		92	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.196*		µg/l		*0.200*		*98*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.187*		µg/l		*0.200*		*94*	*30-150*		
LCS Dup (8100746-BSD1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
PCB 1016	2.66		µg/l	0.200	2.50		106	40-140	2	20
PCB 1260	2.44		µg/l	0.200	2.50		97	40-140	6	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.194*		µg/l		*0.200*		*97*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.200*		µg/l		*0.200*		*100*	*30-150*		
Batch 8100833 - SW846 3510C										
Blank (8100833-BLK1)										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
2,4,5-T	BRL		µg/l	0.100						
2,4,5-T [2C]	BRL		µg/l	0.100						
2,4,5-TP (Silvex)	BRL		µg/l	0.100						
2,4,5-TP (Silvex) [2C]	BRL		µg/l	0.100						
2,4-D	BRL		µg/l	0.100						
2,4-D [2C]	BRL		µg/l	0.100						
2,4-DB	BRL		µg/l	0.100						
2,4-DB [2C]	BRL		µg/l	0.100						
Dalapon	BRL		µg/l	0.100						
Dalapon [2C]	BRL		µg/l	0.100						
Dicamba	BRL		µg/l	0.100						
Dicamba [2C]	BRL		µg/l	0.100						
Dichlorprop	BRL		µg/l	0.100						
Dichlorprop [2C]	BRL		µg/l	0.100						
Dinoseb	BRL		µg/l	0.100						
Dinoseb [2C]	BRL		µg/l	0.100						
MCPA	BRL		µg/l	1.50						
MCPA [2C]	BRL		µg/l	1.50						
MCPB	BRL		µg/l	1.50						
MCPB [2C]	BRL		µg/l	1.50						
MCPP	BRL		µg/l	1.50						
MCPP [2C]	BRL		µg/l	1.50						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.160*		µg/l		*0.200*		*80*	*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 8100833 - SW846 3510C										
Blank (8100833-BLK1)										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*0.180*		µg/l		*0.200*		*90*	*30-150*		
LCS (8100833-BS1)										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
2,4,5-T	0.247		µg/l	0.100	0.500		49	40-140		
2,4,5-T [2C]	0.235		µg/l	0.100	0.500		47	40-140		
2,4,5-TP (Silvex)	0.248		µg/l	0.100	0.500		50	40-140		
2,4,5-TP (Silvex) [2C]	0.242		µg/l	0.100	0.500		48	40-140		
2,4-D	0.231		µg/l	0.100	0.500		46	40-140		
2,4-D [2C]	0.249		µg/l	0.100	0.500		50	40-140		
2,4-DB	0.253		µg/l	0.100	0.500		51	40-140		
2,4-DB [2C]	0.238		µg/l	0.100	0.500		48	40-140		
Dalapon	0.231		µg/l	0.100	0.500		46	40-140		
Dalapon [2C]	0.246		µg/l	0.100	0.500		49	40-140		
Dicamba	0.255		µg/l	0.100	0.500		51	40-140		
Dicamba [2C]	0.298		µg/l	0.100	0.500		60	40-140		
Dichlorprop	0.249		µg/l	0.100	0.500		50	40-140		
Dichlorprop [2C]	0.266		µg/l	0.100	0.500		53	40-140		
Dinoseb	0.263		µg/l	0.100	0.500		53	40-140		
Dinoseb [2C]	0.293		µg/l	0.100	0.500		59	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.129*		µg/l		*0.200*		*64*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*0.154*		µg/l		*0.200*		*77*	*30-150*		
LCS (8100833-BS2)										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
MCPA	88.0		µg/l	1.50	150		59	40-140		
MCPA [2C]	107		µg/l	1.50	150		71	40-140		
MCPB	105		µg/l	1.50	150		70	40-140		
MCPB [2C]	114		µg/l	1.50	150		76	40-140		
MCPP	104		µg/l	1.50	150		69	40-140		
MCPP [2C]	111		µg/l	1.50	150		74	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.176*		µg/l		*0.200*		*88*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*0.202*		µg/l		*0.200*		*101*	*30-150*		
LCS Dup (8100833-BSD1)										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
2,4,5-T	0.237		µg/l	0.100	0.500		47	40-140	4	25
2,4,5-T [2C]	0.236		µg/l	0.100	0.500		47	40-140	0.4	25
2,4,5-TP (Silvex)	0.245		µg/l	0.100	0.500		49	40-140	1	25
2,4,5-TP (Silvex) [2C]	0.235		µg/l	0.100	0.500		47	40-140	3	25
2,4-D	0.245		µg/l	0.100	0.500		49	40-140	6	25
2,4-D [2C]	0.257		µg/l	0.100	0.500		51	40-140	3	25
2,4-DB	0.252		µg/l	0.100	0.500		50	40-140	0.4	25
2,4-DB [2C]	0.244		µg/l	0.100	0.500		49	40-140	2	25
Dalapon	0.237		µg/l	0.100	0.500		47	40-140	3	25
Dalapon [2C]	0.246		µg/l	0.100	0.500		49	40-140	0	25
Dicamba	0.259		µg/l	0.100	0.500		52	40-140	2	25
Dicamba [2C]	0.285		µg/l	0.100	0.500		57	40-140	4	25
Dichlorprop	0.269		µg/l	0.100	0.500		54	40-140	8	25
Dichlorprop [2C]	0.290		µg/l	0.100	0.500		58	40-140	9	25
Dinoseb	0.262		µg/l	0.100	0.500		52	40-140	0.4	25
Dinoseb [2C]	0.292		µg/l	0.100	0.500		58	40-140	0.3	25

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100833 - SW846 3510C										
LCS Dup (8100833-BSD1)										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.132*		µg/l		*0.200*		*66*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*0.149*		µg/l		*0.200*		*74*	*30-150*		
LCS Dup (8100833-BSD2)										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
MCPA	95.0		µg/l	1.50	150		63	40-140	8	25
MCPA [2C]	108		µg/l	1.50	150		72	40-140	0.9	25
MCPB	111		µg/l	1.50	150		74	40-140	6	25
MCPB [2C]	122		µg/l	1.50	150		81	40-140	7	25
MCPP	104		µg/l	1.50	150		69	40-140	0	25
MCPP [2C]	106		µg/l	1.50	150		71	40-140	5	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.184*		µg/l		*0.200*		*92*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*0.203*		µg/l		*0.200*		*102*	*30-150*		
Batch 8100918 - SW846 3545A										
Blank (8100918-BLK1)										
Prepared & Analyzed: 14-Oct-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)	*18.4*		µg/kg wet		*20.0*		*92*	*30-150*		
LCS (8100918-BS1)										
Prepared & Analyzed: 14-Oct-08										
PCB 1016	249		µg/kg wet	20.0	250		100	40-140		
PCB 1260	260		µg/kg wet	20.0	250		104	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.8*		µg/kg wet		*20.0*		*84*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
LCS Dup (8100918-BSD1)										
Prepared & Analyzed: 14-Oct-08										
PCB 1016	245		µg/kg wet	20.0	250		98	40-140	2	30
PCB 1260	256		µg/kg wet	20.0	250		102	40-140	1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.5*		µg/kg wet		*20.0*		*82*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.7*		µg/kg wet		*20.0*		*94*	*30-150*		
Duplicate (8100918-DUP1) Source: SA85697-01										
Prepared & Analyzed: 14-Oct-08										
PCB 1016	BRL		µg/kg dry	20.8		BRL				40
PCB 1221	BRL		µg/kg dry	20.8		BRL				40
PCB 1232	BRL		µg/kg dry	20.8		BRL				40
PCB 1242	BRL		µg/kg dry	20.8		BRL				40
PCB 1248	BRL		µg/kg dry	20.8		BRL				40
PCB 1254	BRL		µg/kg dry	20.8		BRL				40
PCB 1260	BRL		µg/kg dry	20.8		BRL				40
PCB 1262	BRL		µg/kg dry	20.8		BRL				40
PCB 1268	BRL		µg/kg dry	20.8		BRL				40

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100918 - SW846 3545A										
Duplicate (8100918-DUP1) Source: SA85697-01										
Prepared & Analyzed: 14-Oct-08										
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.5*		µg/kg dry		*20.8*		*79*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.6*		µg/kg dry		*20.8*		*89*	*30-150*		
Matrix Spike (8100918-MS1) Source: SA85697-01										
Prepared & Analyzed: 14-Oct-08										
PCB 1016	248		µg/kg dry	20.4	255	BRL	97	40-140		
PCB 1260	258		µg/kg dry	20.4	255	BRL	101	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.7*		µg/kg dry		*20.4*		*87*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.7*		µg/kg dry		*20.4*		*96*	*30-150*		
Matrix Spike Dup (8100918-MSD1) Source: SA85697-01										
Prepared & Analyzed: 14-Oct-08										
PCB 1016	238		µg/kg dry	20.8	260	BRL	92	40-140	6	50
PCB 1260	256		µg/kg dry	20.8	260	BRL	98	40-140	3	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.6*		µg/kg dry		*20.8*		*84*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.2*		µg/kg dry		*20.8*		*97*	*30-150*		
Batch 8100928 - SW846 3550B										
Blank (8100928-BLK1)										
Prepared & Analyzed: 14-Oct-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)	*10.5*		µg/kg wet		*13.3*		*79*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*11.9*		µg/kg wet		*13.3*		*89*	*30-150*		
LCS (8100928-BS1)										
Prepared & Analyzed: 14-Oct-08										
2,4,5-T	18.1		µg/kg wet	6.70	33.3		54	40-140		
2,4,5-T [2C]	17.5		µg/kg wet	6.70	33.3		52	40-140		
2,4,5-TP (Silvex)	18.5		µg/kg wet	6.70	33.3		55	40-140		
2,4,5-TP (Silvex) [2C]	16.3		µg/kg wet	6.70	33.3		49	40-140		
2,4-D	17.7		µg/kg wet	6.70	33.3		53	40-140		
2,4-D [2C]	18.0		µg/kg wet	6.70	33.3		54	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 8100928 - SW846 3550B										
LCS (8100928-BS1)										
Prepared & Analyzed: 14-Oct-08										
2,4-DB	17.5		µg/kg wet	6.70	33.3		53	40-140		
2,4-DB [2C]	16.8		µg/kg wet	6.70	33.3		50	40-140		
Dalapon	13.7		µg/kg wet	6.70	33.3		41	40-140		
Dalapon [2C]	15.7		µg/kg wet	6.70	33.3		47	40-140		
Dicamba	18.0		µg/kg wet	6.70	33.3		54	40-140		
Dicamba [2C]	19.2		µg/kg wet	6.70	33.3		58	40-140		
Dichlorprop	19.5		µg/kg wet	6.70	33.3		59	40-140		
Dichlorprop [2C]	20.1		µg/kg wet	6.70	33.3		60	40-140		
Dinoseb	19.7		µg/kg wet	6.70	33.3		59	40-140		
Dinoseb [2C]	19.2		µg/kg wet	6.70	33.3		58	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*9.13*		µg/kg wet		*13.3*		*69*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*9.53*		µg/kg wet		*13.3*		*72*	*30-150*		
LCS (8100928-BS2)										
Prepared & Analyzed: 14-Oct-08										
MCPA	6130		µg/kg wet	670	10000		61	40-140		
MCPA [2C]	7600		µg/kg wet	670	10000		76	40-140		
MCPB	7070		µg/kg wet	670	10000		71	40-140		
MCPB [2C]	8530		µg/kg wet	670	10000		85	40-140		
MCPP	7070		µg/kg wet	670	10000		71	40-140		
MCPP [2C]	7270		µg/kg wet	670	10000		73	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.5*		µg/kg wet		*13.3*		*94*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*13.7*		µg/kg wet		*13.3*		*103*	*30-150*		
LCS Dup (8100928-BSD1)										
Prepared & Analyzed: 14-Oct-08										
2,4,5-T	15.3		µg/kg wet	6.70	33.3		46	40-140	17	25
2,4,5-T [2C]	16.0		µg/kg wet	6.70	33.3		48	40-140	9	25
2,4,5-TP (Silvex)	15.9		µg/kg wet	6.70	33.3		48	40-140	15	25
2,4,5-TP (Silvex) [2C]	15.7		µg/kg wet	6.70	33.3		47	40-140	4	25
2,4-D	15.9		µg/kg wet	6.70	33.3		48	40-140	11	25
2,4-D [2C]	18.3		µg/kg wet	6.70	33.3		55	40-140	2	25
2,4-DB	16.8		µg/kg wet	6.70	33.3		50	40-140	4	25
2,4-DB [2C]	16.5		µg/kg wet	6.70	33.3		49	40-140	2	25
Dalapon	13.7		µg/kg wet	6.70	33.3		41	40-140	0	25
Dalapon [2C]	15.9		µg/kg wet	6.70	33.3		48	40-140	1	25
Dicamba	16.1		µg/kg wet	6.70	33.3		48	40-140	11	25
Dicamba [2C]	18.7		µg/kg wet	6.70	33.3		56	40-140	2	25
Dichlorprop	17.5		µg/kg wet	6.70	33.3		53	40-140	11	25
Dichlorprop [2C]	19.9		µg/kg wet	6.70	33.3		60	40-140	1	25
Dinoseb	16.5		µg/kg wet	6.70	33.3		49	40-140	18	25
Dinoseb [2C]	19.1		µg/kg wet	6.70	33.3		57	40-140	0.3	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*8.47*		µg/kg wet		*13.3*		*64*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*9.93*		µg/kg wet		*13.3*		*75*	*30-150*		
LCS Dup (8100928-BSD2)										
Prepared & Analyzed: 14-Oct-08										
MCPA	6270		µg/kg wet	670	10000		63	40-140	2	25
MCPA [2C]	7400		µg/kg wet	670	10000		74	40-140	3	25
MCPB	7270		µg/kg wet	670	10000		73	40-140	3	25
MCPB [2C]	8070		µg/kg wet	670	10000		81	40-140	6	25
MCPP	7600		µg/kg wet	670	10000		76	40-140	7	25

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100928 - SW846 3550B										
LCS Dup (8100928-BSD2)										
Prepared & Analyzed: 14-Oct-08										
MCPP [2C]	7070		µg/kg wet	670	10000		71	40-140	3	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.2*		µg/kg wet		*13.3*		*92*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*13.4*		µg/kg wet		*13.3*		*100*	*30-150*		
Duplicate (8100928-DUP1) Source: SA85697-01										
Prepared & Analyzed: 14-Oct-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)	*11.4*		µg/kg dry		*14.1*		*81*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [:	*12.7*		µg/kg dry		*14.1*		*90*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100726 - SW846 3510C										
Blank (8100726-BLK1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0268*		mg/l		*0.0500*		*54*	*50-150*		
LCS (8100726-BS1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
C9-C36 Aliphatic Hydrocarbons	0.8		mg/l	0.05	1.40		60	60-120		
Surrogate: 1-Chlorooctadecane	*0.0281*		mg/l		*0.0500*		*56*	*50-150*		
Batch 8100876 - SW846 3545A										
Blank (8100876-BLK1)										
Prepared: 10-Oct-08 Analyzed: 15-Oct-08										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*3.01*		mg/kg wet		*3.33*		*90*	*50-150*		
LCS (8100876-BS1)										
Prepared: 10-Oct-08 Analyzed: 15-Oct-08										
C9-C36 Aliphatic Hydrocarbons	93.0		mg/kg wet	13.3	93.3		100	60-120		
Surrogate: 1-Chlorooctadecane	*2.89*		mg/kg wet		*3.33*		*87*	*50-150*		
Duplicate (8100876-DUP1) Source: SA65697-01										
Prepared: 10-Oct-08 Analyzed: 15-Oct-08										
Gasoline	BRL		mg/kg dry	27.6		BRL				50
Fuel Oil #2	BRL		mg/kg dry	27.6		BRL				50
Fuel Oil #4	BRL		mg/kg dry	27.6		BRL				50
Fuel Oil #6	BRL		mg/kg dry	27.6		BRL				50
Motor Oil	BRL		mg/kg dry	27.6		BRL				50
Aviation Fuel	BRL		mg/kg dry	27.6		BRL				50
Unidentified	BRL		mg/kg dry	27.6		BRL				50
Other Oil	BRL		mg/kg dry	27.6		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	27.6		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	27.6		BRL				50
Surrogate: 1-Chlorooctadecane	*3.21*		mg/kg dry		*3.46*		*93*	*50-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100876 - SW846 3545A										
Matrix Spike (8100876-MS1)	**Source: SA85697-01**									
Prepared: 10-Oct-08 Analyzed: 15-Oct-08										
C9-C36 Aliphatic Hydrocarbons	90.3		mg/kg dry	14.2	99.6	BRL	91	50-150		
Surrogate: 1-Chlorooctadecane	*2.54*		mg/kg dry		*3.56*		*71*	*50-150*		
Matrix Spike Dup (8100876-MSD1)	**Source: SA85697-01**									
Prepared: 10-Oct-08 Analyzed: 15-Oct-08										
C9-C36 Aliphatic Hydrocarbons	84.1		mg/kg dry	14.2	99.4	BRL	85	50-150	7	30
Surrogate: 1-Chlorooctadecane	*2.45*		mg/kg dry		*3.55*		*69*	*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 8100830 - SW846 3050B										
Blank (8100830-BLK1)										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Selenium	BRL		mg/kg wet	1.48						
Lead	BRL		mg/kg wet	1.48						
Silver	BRL		mg/kg wet	1.48						
Arsenic	BRL		mg/kg wet	1.48						
Chromium	BRL		mg/kg wet	0.987						
Cadmium	BRL		mg/kg wet	0.494						
Barium	BRL		mg/kg wet	0.987						
Duplicate (8100830-DUP1) Source: SA85697-01										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Lead	9.25		mg/kg dry	1.46		11.2			19	20
Selenium	0.511	J	mg/kg dry	1.46		0.556			8	20
Arsenic	0.921	J,QR8	mg/kg dry	1.46		1.19			25	20
Chromium	18.1		mg/kg dry	0.974		18.1			0.06	20
Silver	BRL		mg/kg dry	1.46		BRL				20
Cadmium	0.643		mg/kg dry	0.487		0.723			12	20
Barium	122		mg/kg dry	0.974		127			4	20
Matrix Spike (8100830-MS1) Source: SA85697-02										
Prepared: 10-Oct-08 Analyzed: 15-Oct-08										
Selenium	123		mg/kg dry	1.48	124	BRL	99	75-125		
Lead	136		mg/kg dry	1.48	124	28.9	87	75-125		
Arsenic	115		mg/kg dry	1.48	124	0.658	93	75-125		
Cadmium	121		mg/kg dry	0.494	124	0.348	98	75-125		
Silver	119		mg/kg dry	1.48	124	BRL	96	75-125		
Chromium	202		mg/kg dry	0.989	124	58.7	116	75-125		
Barium	609	QM7	mg/kg dry	0.989	124	386	180	75-125		
Matrix Spike Dup (8100830-MSD1) Source: SA85697-02										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Selenium	109		mg/kg dry	1.38	115	BRL	95	75-125	12	20
Lead	139		mg/kg dry	1.38	115	28.9	96	75-125	2	20
Arsenic	112		mg/kg dry	1.38	115	0.658	96	75-125	3	20
Chromium	183		mg/kg dry	0.923	115	58.7	107	75-125	10	20
Silver	111		mg/kg dry	1.38	115	BRL	96	75-125	7	20
Cadmium	113		mg/kg dry	0.461	115	0.348	98	75-125	7	20
Barium	656	QM7	mg/kg dry	0.923	115	386	233	75-125	7	20
Post Spike (8100830-PS1) Source: SA85697-02										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Selenium	132		mg/kg dry	1.64	137	BRL	96	80-120		
Lead	163		mg/kg dry	1.64	137	28.9	98	80-120		
Silver	136		mg/kg dry	1.64	137	BRL	100	80-120		
Chromium	204		mg/kg dry	1.09	137	58.7	106	80-120		
Arsenic	135		mg/kg dry	1.64	137	0.658	98	80-120		
Cadmium	137		mg/kg dry	0.546	137	0.348	100	80-120		
Reference (8100830-SRM1)										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Lead	73.1		mg/kg wet	1.50	69.0		106	80.9-119.9		
Selenium	101		mg/kg wet	1.50	101		100	79.9-119.6		
Chromium	73.8		mg/kg wet	1.00	70.1		105	81.9-118.1		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100830 - SW846 3050B										
Reference (8100830-SRM1)										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Silver	33.0		mg/kg wet	1.50	31.7		104	66.2-133.7		
Arsenic	63.8		mg/kg wet	1.50	62.4		102	82.9-117.1		
Cadmium	134		mg/kg wet	0.500	131		102	83.7-116.7		
Barium	143		mg/kg wet	1.00	130		110	80.5-119.5		
Reference (8100830-SRM2)										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Lead	72.2		mg/kg wet	1.50	70.6		102	80.9-119.9		
Selenium	99.6		mg/kg wet	1.50	103		96	79.9-119.6		
Chromium	71.7		mg/kg wet	1.00	71.6		100	81.9-118.1		
Cadmium	130		mg/kg wet	0.500	134		97	83.7-116.7		
Silver	31.8		mg/kg wet	1.50	32.4		98	66.2-133.7		
Arsenic	63.0		mg/kg wet	1.50	63.8		99	82.9-117.1		
Barium	135		mg/kg wet	1.00	133		102	80.5-119.5		
Batch 8100834 - EPA200/SW7000 Series										
Blank (8100834-BLK1)										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Mercury	BRL		mg/kg wet	0.0280						
Duplicate (8100834-DUP1) Source: SA85697-01										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Mercury	BRL		mg/kg dry	0.0304		BRL				20
Matrix Spike (8100834-MS1) Source: SA85697-02										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Mercury	0.505		mg/kg dry	0.0331	0.460	0.0227	105	75-125		
Matrix Spike Dup (8100834-MSD1) Source: SA85697-02										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Mercury	0.475		mg/kg dry	0.0305	0.423	0.0227	107	75-125	6	20
Post Spike (8100834-PS1) Source: SA85697-02										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Mercury	9.86		mg/kg dry		8.50	0.442	111	80-120		
Reference (8100834-SRM1)										
Prepared: 10-Oct-08 Analyzed: 14-Oct-08										
Mercury	2.18		mg/kg wet	0.0300	2.00		109	71.7-128		
Batch 8100929 - SW846 3005A										
Blank (8100929-BLK1)										
Prepared & Analyzed: 14-Oct-08										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Barium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Arsenic	BRL		mg/l	0.0040						
Silver	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
LCS (8100929-BS1)										
Prepared & Analyzed: 14-Oct-08										
Selenium	1.26		mg/l	0.0150	1.25		101	85-115		

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 8100929 - SW846 3005A										
LCS (8100929-BS1)										
Prepared & Analyzed: 14-Oct-08										
Lead	1.30		mg/l	0.0075	1.25		104	85-115		
Barium	1.31		mg/l	0.0050	1.25		105	85-115		
Chromium	1.33		mg/l	0.0050	1.25		107	85-115		
Silver	1.27		mg/l	0.0050	1.25		101	85-115		
Cadmium	1.33		mg/l	0.0025	1.25		106	85-115		
Arsenic	1.28		mg/l	0.0040	1.25		102	85-115		
LCS Dup (8100929-BSD1)										
Prepared & Analyzed: 14-Oct-08										
Selenium	1.23		mg/l	0.0150	1.25		99	85-115	2	20
Lead	1.28		mg/l	0.0075	1.25		102	85-115	1	20
Chromium	1.30		mg/l	0.0050	1.25		104	85-115	3	20
Cadmium	1.32		mg/l	0.0025	1.25		105	85-115	0.8	20
Arsenic	1.26		mg/l	0.0040	1.25		101	85-115	1	20
Silver	1.23		mg/l	0.0050	1.25		99	85-115	3	20
Barium	1.29		mg/l	0.0050	1.25		103	85-115	1	20
Duplicate (8100929-DUP1)	**Source: SA65697-17**									
Prepared & Analyzed: 14-Oct-08										
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	BRL		mg/l	0.0075		BRL				20
Barium	0.0051		mg/l	0.0050		0.0052			3	20
Arsenic	BRL		mg/l	0.0040		BRL				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Matrix Spike (8100929-MS1)	**Source: SA65697-17**									
Prepared & Analyzed: 14-Oct-08										
Selenium	1.18		mg/l	0.0150	1.25	BRL	95	75-125		
Lead	1.23		mg/l	0.0075	1.25	BRL	99	75-125		
Barium	1.25		mg/l	0.0050	1.25	0.0052	99	75-125		
Silver	1.19		mg/l	0.0050	1.25	BRL	95	75-125		
Arsenic	1.21		mg/l	0.0040	1.25	BRL	97	75-125		
Chromium	1.23		mg/l	0.0050	1.25	BRL	99	75-125		
Cadmium	1.28		mg/l	0.0025	1.25	BRL	102	75-125		
Matrix Spike Dup (8100929-MSD1)	**Source: SA65697-17**									
Prepared & Analyzed: 14-Oct-08										
Lead	1.32		mg/l	0.0075	1.25	BRL	105	75-125	7	20
Selenium	1.28		mg/l	0.0150	1.25	BRL	102	75-125	8	20
Cadmium	1.35		mg/l	0.0025	1.25	BRL	108	75-125	6	20
Silver	1.29		mg/l	0.0050	1.25	BRL	103	75-125	8	20
Arsenic	1.30		mg/l	0.0040	1.25	BRL	104	75-125	7	20
Chromium	1.36		mg/l	0.0050	1.25	BRL	109	75-125	10	20
Barium	1.33		mg/l	0.0050	1.25	0.0052	106	75-125	7	20
Post Spike (8100929-PS1)	**Source: SA65697-17**									
Prepared & Analyzed: 14-Oct-08										
Selenium	1.21		mg/l	0.0150	1.25	BRL	97	80-120		
Lead	1.26		mg/l	0.0075	1.25	BRL	100	80-120		
Cadmium	1.29		mg/l	0.0025	1.25	BRL	103	80-120		

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* Reportable Detection Limit BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100929 - SW846 3005A										
Post Spike (8100929-PS1)	**Source: SA85697-17**									
Prepared & Analyzed: 14-Oct-08										
Chromium	1.28		mg/l	0.0050	1.25	BRL	102	80-120		
Barium	1.28		mg/l	0.0050	1.25	0.0052	102	80-120		
Silver	1.22		mg/l	0.0050	1.25	BRL	97	80-120		
Arsenic	1.23		mg/l	0.0040	1.25	BRL	99	80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100930 - EPA200/SW7000 Series										
Blank (8100930-BLK1)										
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
Mercury	BRL		mg/l	0.00020						
LCS (8100930-BS1)										
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
Mercury	0.00475		mg/l	0.00020	0.00500		95	85-115		
Duplicate (8100930-DUP1)	**Source: SA85697-17**									
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
Mercury	0.00010	J,QR8	mg/l	0.00020		0.00008			24	20
Matrix Spike (8100930-MS1)	**Source: SA85697-17**									
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
Mercury	0.00486		mg/l	0.00020	0.00500	0.00008	96	75-125		
Matrix Spike Dup (8100930-MSD1)	**Source: SA85697-17**									
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
Mercury	0.00502		mg/l	0.00020	0.00500	0.00008	99	75-125	3	20
Post Spike (8100930-PS1)	**Source: SA85697-17**									
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
Mercury	0.00475		mg/l	0.00020	0.00500	0.00008	93	85-115		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8101442 - SW846 3010A										
Blank (8101442-BLK1)										
Prepared: 22-Oct-08 Analyzed: 24-Oct-08										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
LCS (8101442-BS1)										
Prepared: 22-Oct-08 Analyzed: 24-Oct-08										
Lead	1.25		mg/l	0.0075	1.25		100	84.7-114		
Selenium	1.23		mg/l	0.0150	1.25		98	82.8-112		
Cadmium	1.35		mg/l	0.0025	1.25		108	90.1-113		
Arsenic	1.28		mg/l	0.0040	1.25		102	85.5-108		
Chromium	1.17		mg/l	0.0050	1.25		94	88.3-115		
Barium	1.30		mg/l	0.0050	1.25		104	84.9-115		
LCS Dup (8101442-BSD1)										
Prepared: 22-Oct-08 Analyzed: 24-Oct-08										
Lead	1.26		mg/l	0.0075	1.25		101	84.7-114	1	20
Selenium	1.24		mg/l	0.0150	1.25		99	82.8-112	0.9	20
Chromium	1.20		mg/l	0.0050	1.25		96	88.3-115	2	20
Cadmium	1.37		mg/l	0.0025	1.25		109	90.1-113	1	20
Arsenic	1.29		mg/l	0.0040	1.25		103	85.5-108	1	20
Barium	1.33		mg/l	0.0050	1.25		106	84.9-115	2	20
Duplicate (8101442-DUP1) Source: SA66059-02										
Prepared: 22-Oct-08 Analyzed: 24-Oct-08										
Lead	BRL		mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Cadmium	0.0002	J	mg/l	0.0025		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Arsenic	BRL		mg/l	0.0040		BRL				20
Barium	0.0040	J,QR8	mg/l	0.0050		0.0032			21	20
Matrix Spike (8101442-MS1) Source: SA66059-01										
Prepared: 22-Oct-08 Analyzed: 24-Oct-08										
Selenium	1.22		mg/l	0.0150	1.25	BRL	98	81.1-113		
Lead	1.24		mg/l	0.0075	1.25	BRL	99	82.1-112		
Arsenic	1.26		mg/l	0.0040	1.25	BRL	101	83.1-110		
Cadmium	1.33		mg/l	0.0025	1.25	BRL	107	85.4-113		
Chromium	1.17		mg/l	0.0050	1.25	BRL	93	89-111		
Barium	1.29		mg/l	0.0050	1.25	BRL	103	82.8-116		
Matrix Spike Dup (8101442-MSD1) Source: SA66059-01										
Prepared: 22-Oct-08 Analyzed: 24-Oct-08										
Selenium	1.26		mg/l	0.0150	1.25	BRL	101	81.1-113	3	20
Lead	1.27		mg/l	0.0075	1.25	BRL	101	82.1-112	3	20
Cadmium	1.36		mg/l	0.0025	1.25	BRL	109	85.4-113	2	20
Arsenic	1.30		mg/l	0.0040	1.25	BRL	104	83.1-110	3	20
Chromium	1.21		mg/l	0.0050	1.25	BRL	97	89-111	3	20
Barium	1.32		mg/l	0.0050	1.25	BRL	105	82.8-116	2	20

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 8101442 - SW846 3010A										
Post Spike (8101442-PS1) Source: SA86059-01										
Prepared: 22-Oct-08 Analyzed: 24-Oct-08										
Lead	1.25		mg/l	0.0075	1.25	BRL	100	84.5-112		
Selenium	1.24		mg/l	0.0150	1.25	BRL	99	82.4-113		
Chromium	1.18		mg/l	0.0050	1.25	BRL	95	89.9-112		
Arsenic	1.28		mg/l	0.0040	1.25	BRL	103	84.5-111		
Cadmium	1.34		mg/l	0.0025	1.25	BRL	108	87.9-112		
Barium	1.31		mg/l	0.0050	1.25	BRL	105	85.2-116		
Batch 8101443 - EPA200/SW7000 Series										
Blank (8101443-BLK1)										
Prepared: 22-Oct-08 Analyzed: 23-Oct-08										
Mercury	BRL		mg/l	0.00020						
LCS (8101443-BS1)										
Prepared: 22-Oct-08 Analyzed: 23-Oct-08										
Mercury	0.00411		mg/l	0.00020	0.00500		82	60-122		
Duplicate (8101443-DUP1) Source: SA86059-02										
Prepared: 22-Oct-08 Analyzed: 23-Oct-08										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (8101443-MS1) Source: SA86059-01										
Prepared: 22-Oct-08 Analyzed: 23-Oct-08										
Mercury	0.00443		mg/l	0.00020	0.00500	BRL	89	61.5-123		
Matrix Spike Dup (8101443-MSD1) Source: SA86059-01										
Prepared: 22-Oct-08 Analyzed: 23-Oct-08										
Mercury	0.00454		mg/l	0.00020	0.00500	BRL	91	61.5-123	2	20
Post Spike (8101443-PS1) Source: SA86059-01										
Prepared: 22-Oct-08 Analyzed: 23-Oct-08										
Mercury	0.00451		mg/l	0.00020	0.00500	BRL	90	74.7-114		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100645 - General Preparation										
Duplicate (8100645-DUP1) Source: SA85619-01										
Prepared & Analyzed: 08-Oct-08										
% Solids	93.7		%			93.7			0.03	20
Batch 8100754 - General Preparation										
Duplicate (8100754-DUP1) Source: SA85656-03										
Prepared & Analyzed: 09-Oct-08										
% Solids	89.6		%			89.3			0.3	20
Batch 8100888 - General Preparation										
Duplicate (8100888-DUP1) Source: SA85603-01										
Prepared & Analyzed: 10-Oct-08										
% Solids	84.3		%			83.6			0.9	20

Notes and Definitions

QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR5	RPD out of acceptance range.
QR8	Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
V11	Analyte concentration confirmed by duplicate analysis.
VOC8	Reporting limits reflect SW846 5030 extraction technique due to interference using SW846 5035A extraction technique.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
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

State Of Connecticut
Department of Environmental Protection
Laboratory Quality Control and Quality Assurance Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA	Project Name and Number:
Project Location: MNRR Bridges - Greenwich, CT	MNRR Bridges - Greenwich, CT/ 301-0092
This Form Provides certifications for the following data set: SA85697-01 SA85697-11 SA85697-02 SA85697-12 SA85697-03 SA85697-13 SA85697-04 SA85697-14 SA85697-05 SA85697-15 SA85697-06 SA85697-16 SA85697-07 SA85697-17 SA85697-08 SA85697-18 SA85697-09 SA85697-10	List Specific Analytical Methods Used: +CT ETPH EPA 245.1/7470A SM2540 G Mod. SW 846 8260B SW846 1312 SW846 1312/6010B SW846 1312/7470A SW846 6010B SW846 7471A SW846 8082 SW846 8151A SW846 8270C SW846 8270C/EPA 625 ! VOC Soil Extraction
Sample Matrices: Aqueous Soil/Sediment	

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	☑ Yes ☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed?	☑ Yes ☐ No
C	Were all QC performance standards and recommendations for the specified methods achieved?	☑ Yes ☐ No
D	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☐ Yes ☑ No *

* The compounds and/or elements reported are as 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.

Negative responses for A, B and C are addressed in a case narrative on the cover page of this report.

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

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

Date: 10/27/2008

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

* Reportable Detection Limit BRL = Below Reporting Limit

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name:	Spectrum Analytical, Inc. - Agawam, MA	**Client:**	Tetra Tech Rizzo - Hartford, CT
Project Location:	MNRR Bridges - Greenwich, CT	**Project Number:**	301-0092
Sampling Date(s): 06-Oct-08		**Laboratory Sample ID(s):** SA85697-01 through SA85697-18	

RCP Methods Used: +CT ETPH, EPA 245.1/7470A, SW 846 8260B, SW846 1312, SW846 1312/6010B, SW846 1312/7470A, SW846 6010B, SW846 7471A, SW846 8082, SW846 8151A, SW846 8270C, SW846 8270C/EPA 625.1

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: 10/27/2008

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

* Reportable Detection Limit BRL = Below Reporting Limit