Office Copy

TASK 210:
SUBSURFACE SITE INVESTIGATION

New Britain-Hartford Busway Project
Park Street Station
10 – 12 & 14 – 26 Francis Avenue
Hartford, Connecticut

ConnDOT Assignment No. 202-3153
ConnDOT Project No. 171-305

Prepared for:

State of Connecticut
Department of Transportation
Newington, Connecticut 06131

Prepared by:

Maguire Group Inc.
One Court Street
New Britain, Connecticut 06051

January 30, 2007

TABLE OF CONTENTS

			Page #
1.0	INTRODUCTION		1
2.0	SITE DESCRIPTION		1
3.0	LOCAL ENVIRONMENT & RECEPTORS		3
	3.1	Groundwater & Topography	3
	3.2	Geology	5
4.0	SUBSURFACE INVESTIGATION		5
	4.1	Geoprobe® Soil Borings & Soil Sample Analyses	6
	4.2	Groundwater Sample Collection & Analyses	7
	4.3	Project Quality Assurance/Quality Control Practices	7
5.0	DISCUSSION OF SAMPLE RESULTS		8
	5.1	Regulatory Criteria	8
	5.2	Results of Soil Sample Analyses	10
	5.3	Results of Groundwater Sample Analyses	12
	5.4	Quality Assurance/Quality Control Samples	13
6.0	DISCUSSION OF AFFECTED RESOURCES		13
	6.1	Soil Areas of Environmental Concern	14
	6.2	Groundwater Area of Environmental Concern	14
	6.3	Low Level Areas of Environmental Concern	15
7.0	RECOMMENDATIONS		16
8.0	LIMITATIONS		17

Figures

Figure 1 - Site Location Plan 2

Figure 2 – Task 210 Project Area & Sampling Locations 4

Tables

Table 1(a) to 1(e) Results of Geoprobe Boring Soil Sample Analyses

Table 2 Results of Groundwater Sample Analyses

Table of Contents (continued)

Appendices

Appendix A	CTDOT Access Forms
Appendix B	Boring Logs
Appendix C	Soil Sample Laboratory Reports
Appendix D	Groundwater Sample Laboratory Reports
Appendix E	QA/QC Sample Laboratory Reports

1.0 INTRODUCTION

On behalf of the Connecticut Department of Transportation (ConnDOT), Maguire Group Inc. has conducted a Task 210 - Subsurface Site Investigation for the 10 – 12 Francis Avenue and 14 – 26 Francis Avenue properties in Hartford, Connecticut. This Task 210 - Subsurface Site Investigation was completed in association with the New Britain to Hartford Busway, Park Street Station in Hartford, Connecticut. Based upon a review of the preliminary construction plans, the anticipated construction activities will involve total right-of-way taking of the 10 – 12 Francis Avenue and 14 – 26 Francis Avenue parcels. This Task 210 – Subsurface Site Investigation was conducted on the 10 – 12 and 14 – 26 Francis Avenue properties. Figure 1 depicts the project area.

The purpose of the Task 210 - Subsurface Site Investigation is to verify the absence or presence and location of subsurface contamination within the 10 – 12 and 14 – 26 Francis Avenue property boundaries. 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 the two properties located at 10 – 12 Francis Avenue and 14 – 26 Francis Avenue, that will comprise the proposed Park Street Station. The 10 – 12 Francis Avenue property is situated at the southeast corner of the intersection of Park Street and Francis Avenue. The property comprises approximately 0.27 acres and houses an L-shaped, concrete block, 2-bay garage that was constructed in 1940. The building currently houses Rosales Auto Sales. Former tenants of the site include auto repair businesses, a coal and oil company, and a portion of the former Parkville Railroad Station.

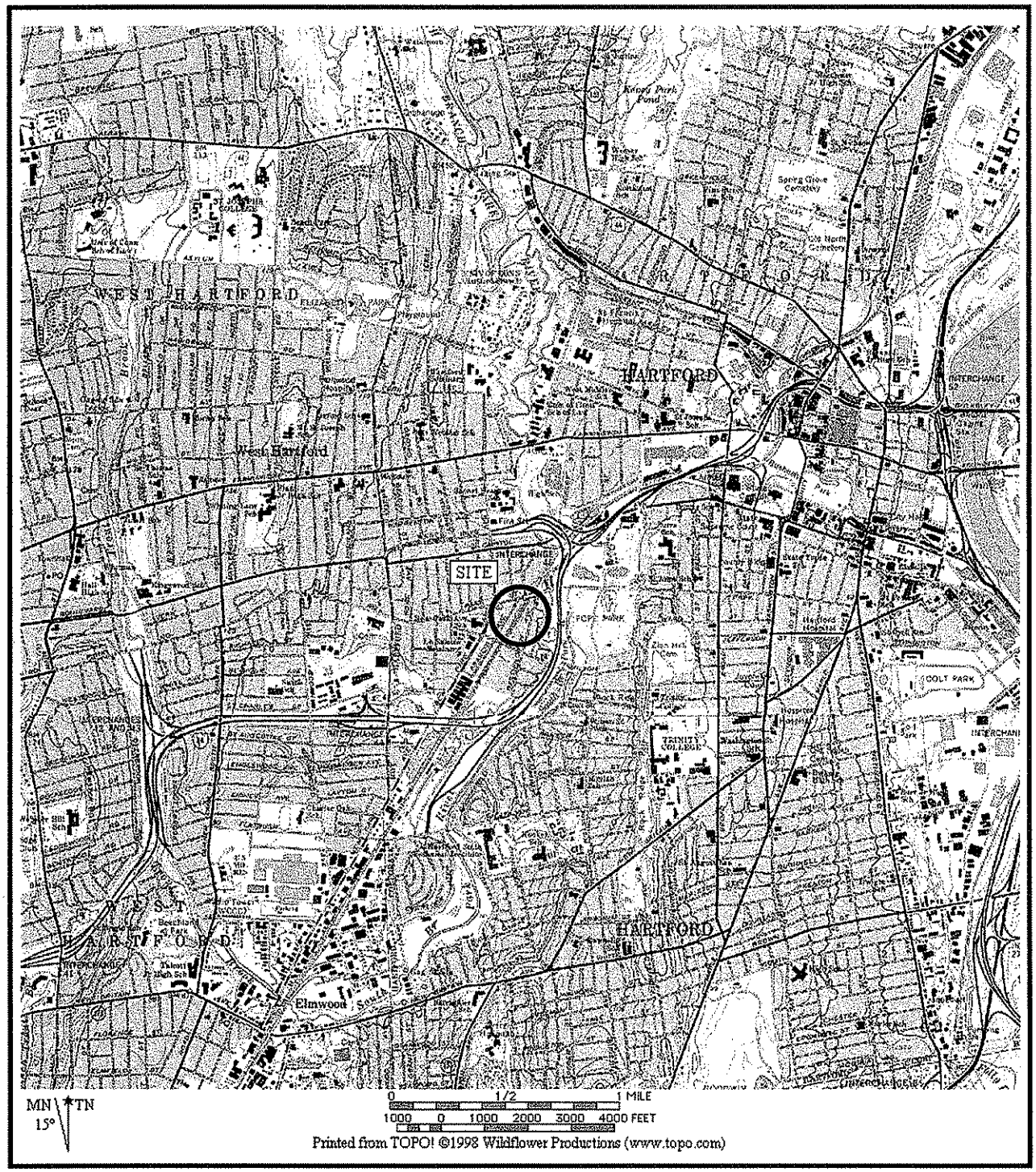


FIGURE 1 – SITE LOCATION PLAN

Park Street Station: 10 – 12 Francis Avenue & 14 – 26 Francis Avenue

New Britain to Hartford Busway Project

Hartford, Connecticut

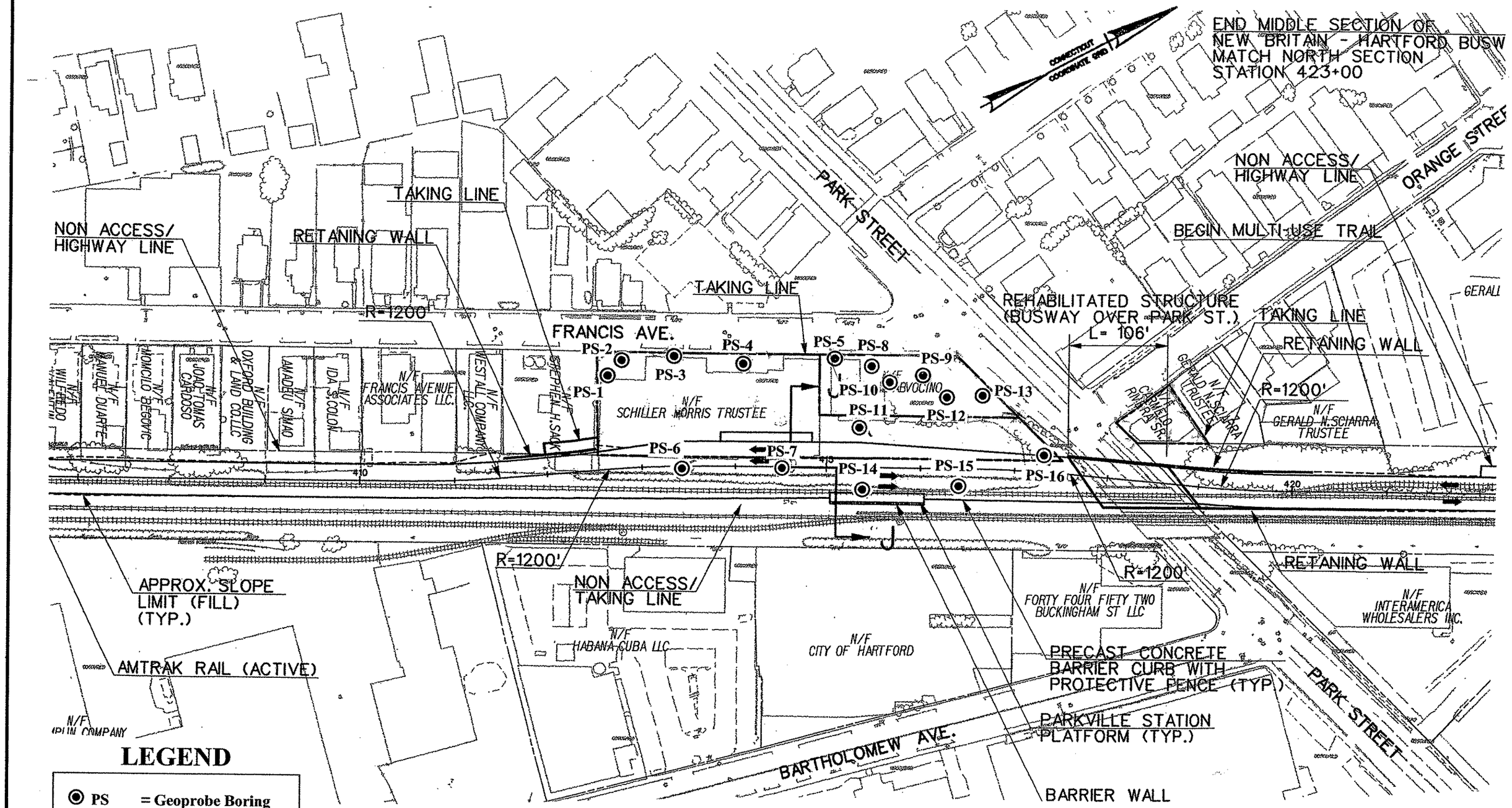


Figure 2 - Task 210 Project Area & Sampling Locations
Park Street Station: 10 -12 & 14 - 26 Francis Avenue
New Britain to Hartford Busway Project
Hartford, Connecticut

The 14 – 26 Francis Avenue property is located to the south of the 10 – 12 Francis Avenue parcel and comprises approximately 1.2 acres. The property contains a large, two-story, brick, 33,000-square foot warehouse and office building that houses Allied Plumbing and was constructed in 1930 through 1940. The building is currently heated by natural gas, but was formerly heated by oil. A former heating oil UST was located on the western portion of the property and was reportedly removed around 1993. A diesel fuel UST with a dispensing pump was located near the southwest corner of the property. The UST and dispensing pump were reportedly removed in 2005. Former tenants of the site include a tool manufacturer, a radiator company, a coal company, and a portion of the former Parkville Railroad Station.

The 10 – 12 Francis Avenue property is owned by Michael Abvocino and the 14 – 26 Francis Avenue property is owned by 14 Francis Avenue Realty, LLC. The two properties were recommended for additional investigation in a November 2003 Task 120 – Preliminary Site Evaluation report prepared by others. The properties that comprise the Park Street Station site are depicted in Figure 2 - Task 210 Project Area & Sampling Locations.

3.0 LOCAL ENVIRONMENT & RECEPTORS

3.1 Groundwater & Topography

The CTDEP's "Environmental GIS Data for Connecticut" depicts the groundwater classification for the site as "GB", which indicates that the groundwater is not suitable for consumption due to waste discharges, spills or leaks of chemicals, or land use impacts, and a public water supply is available. The site and its surrounding properties are connected to the Metropolitan District Commission (MDC) public water distribution system and municipal sewer system. Groundwater was encountered at depths ranging from 2.5 to 8.5 feet below grade in nearly all of the soil borings. However, groundwater recharge rates were very poor due to the dense, silty soil encountered at the site.

The project area is located within the Park Regional Basin, within the Connecticut Major Drainage Basin. There are no surface water bodies located on the property, although the south branch of the Park River is located approximately 1,100 feet to the east of the site area. The south branch of the Park River is a Class "C/B" surface water body, which indicates that it does not meet Class "B" surface water criteria due to pollution. The goal is to restore the surface water quality to Class "B" standards. The site and the area around the site are relatively flat, although there is a slight regional downward slope to the southeast. Based upon this, it is estimated that surface water runoff at the site flows to the southeast.

3.2 Geology

The CTDEP's "Environmental GIS Data for Connecticut" indicates that the soil at the proposed Park Street Station site is Fines, which is described as well sorted thin layers of alternating silt and clay or thicker layers of very fine sand and silt. The Bedrock Geological Map of Connecticut, compiled by John Rodgers in 1985, indicates that the bedrock unit underlying the Site area is the Portland Arkose, which is a red-brown arkosic sandstone. Soils encountered during this investigation consisted of fill, sand and dense silt units with varying amounts of gravel, clay, and cobbles. Bedrock was not encountered in any of the soil borings.

4.0 SUBSURFACE INVESTIGATION

Based on the current and former industrial uses of the two properties comprising the Park Street Station site, a comprehensive sampling program was conducted on the 10 – 12 and 14 – 26 Francis Avenue parcels. The following subsections detail the investigation. Authorization to access the 10 – 12 Francis Avenue (owned by Michael Abvocino) was obtained by the State of Connecticut by means of a Notice of Condemnation dated November 17, 2006, and a copy of the Certificate of Condemnation is enclosed in Appendix A. Permission to access the 14 – 26 Francis Avenue property was obtained from the property owner (14 Francis Avenue Realty LLC), and a copy of the CTDOT Access Agreement is enclosed in Appendix A. The following subsections detail the investigation.

4.1 Geoprobe® Soil Borings & Soil Sample Analyses

On December 14 and 15, 2006, sixteen (16) Geoprobe® soil borings (PS-1 through PS-16) were advanced on the 10 – 12 and 14 – 26 Francis Avenue properties. The Geoprobe® borings were advanced by Logical Environmental Solutions, under the direction of MGI. The locations of the Geoprobe® soil borings are depicted on Figure 2 - Task 210 Project Area & Sampling Locations.

The Geoprobe® soil borings were advanced to 12 feet below grade or 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 Photovac photoionization detector (PID). Soil boring logs were generated in the field by Maguire 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 B.

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. At two (2) selected boring locations (PS-1 and PS-4) two (2) soil samples (shallow and deep) from each boring were selected for laboratory analysis. The analyses of all soil samples included volatile organic compounds (VOCs) utilizing EPA Method 8260, petroleum hydrocarbons utilizing the Connecticut ETPH method, base neutral/acid extractables utilizing EPA Method 8270, pesticides utilizing EPA Method 8081A, polychlorinated biphenyls (PCBs) utilizing EPA Method 8082, and total and SPLP RCRA 8 metals.

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 in accordance with Maguire's October 2006 Task 210 - Subsurface Site Investigation Work Plan.

4.2 Groundwater Sample Collection & Analyses

Two (2) groundwater grab samples (PS-1 GW and PS-9 GW) were collected from borings in which sufficient groundwater was encountered. The groundwater grab samples were collected by placing dedicated PVC screen and riser casing into the borehole. Dedicated polyethylene tubing was inserted into the casing and groundwater was drawn through the tubing using a low-flow peristaltic pump. The groundwater samples were placed in laboratory-supplied glassware, and stored in an ice-filled cooler. The PS-9 GW groundwater sample was analyzed for VOCs (EPA Method 8260), petroleum hydrocarbons (Connecticut ETPH), BNAs (EPA Method 8270), pesticides (EPA Method 8081A), and PCBs (EPA Method 8082), and total RCRA 8 metals. Due to extremely poor groundwater recharge rates, the PS-1 GW groundwater sample was only analyzed for VOCs (EPA Method 8260) and petroleum hydrocarbons (Connecticut ETPH).

4.3 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 two (2) field blank samples were collected in the field. The second trip blank sample broke in the sample cooler on the day of sampling. 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 samples were 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 samples were 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 and groundwater 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 subsections 5.2 and 5.3 of this section.

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 GB groundwater area, the least stringent criteria apply.

Groundwater Criteria: Contaminants in the groundwater are compared either to background quality or the Groundwater Protection Criteria (GPC), the Volatilization Criteria, as well as the Surface Water Protection Criteria (SWPC). The GPC, Volatilization Criteria, and SWPC 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.

Groundwater Protection Criteria

The purpose of the Groundwater Protection Criteria is to protect the groundwater quality in areas that have the potential to use groundwater as a drinking water resource (GA & GAA groundwater classification areas). Since the site is situated in a GB groundwater area, the GPC do not apply.

Volatilization Criteria

The purpose of the Volatilization Criteria standard is to ensure that volatile organic compounds (VOCs) in groundwater do not pose an unacceptable risk to human health due to the inhalation of VOCs that may enter into a structure on the property. The Volatilization Criteria only apply when impacted groundwater is located within fifteen (15) feet of the ground surface or any structure. Different criteria exist for residential and commercial/industrial properties. The use of the less stringent commercial/industrial standards requires the placement of an ELUR on the property. Since groundwater was located within fifteen (15) feet of the ground surface, the Volatilization Criteria apply to this Site.

Surface Water Protection Criteria

The purpose of the Surface Water Protection Criteria (SWPC) standards are to ensure that groundwater discharging to a surface water body will not adversely effect surface water quality. Since groundwater likely discharges to the south branch of the Park River, the SWPC apply to contaminants detected in the groundwater.

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(e), which are located at the end of this report, and copies of the soil sample analytical results are included in Appendix C. The following summarizes the results of the analyses conducted on the soil samples.

Varying concentrations of petroleum hydrocarbons were detected in all of the borings from Below Reporting Limits (BRL) to 3,230 parts per million (ppm). The 4 to 8 foot sample from boring PS-1 contained petroleum hydrocarbons at a concentration of 1,930 ppm, which exceeds the Residential DEC of 500 ppm. In addition, the 2 to 4 foot sample from boring PS-16

contained petroleum hydrocarbons at a concentration of 3,230 ppm, which exceeds its Residential DEC of 500 ppm, and GB PMC and Commercial/Industrial DEC of 2,500 ppm. No other soil samples contained petroleum hydrocarbons at concentrations that exceed any applicable CTDEP RSR criteria.

The VOCs n-butylbenzene, sec-butylbenzene, ethylbenzene, 4-isopropyltoluene, n-propylbenzene, trichloroethene, 1,3,5-trimethylbenzene, and total xylenes were detected at low concentrations in the 4 to 8 and 8 to 12 foot samples from PS-1, and the 2 to 4 foot sample from PS-2. None of the VOCs were detected at concentrations that exceed any applicable CTDEP RSR criteria.

BNA compounds were detected in the soil samples collected from borings PS-1, PS-7, PS-9, and PS-16. The 2 to 4 foot soil sample from boring PS-16 contained the compounds benzo(a)anthracene (2.0 ppm), benzo(a)pyrene (1.67 ppm), benzo(b)fluoranthene (1.95 ppm), benzo(k)fluoranthene (1.55 ppm), and chrysene (2.77 ppm) at concentrations that exceed their respective GB 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. No other soil sample contained BNAs at concentrations that exceed any applicable CTDEP RSR criteria.

None of the soil samples contained detectable concentrations of PCBs or pesticides. Total and leachable concentrations of the metals arsenic, barium, cadmium, chromium, lead, and mercury were detected at varying concentrations in the soil samples. The 2 to 4 foot sample collected from boring PS-16 contained total arsenic at a concentration of 20.5 ppm, which exceeds its Residential and Commercial/Industrial DEC of 10 ppm. In addition, the 2 to 4 foot sample collected from boring PS-9 contained total lead at a concentration of 589 ppm, which exceeds its Residential DEC of 500 ppm. No other samples contained total or leachable metals at concentrations that exceed any applicable CTDEP RSR criteria.

5.3 Results of Groundwater Sample Analyses

The two groundwater grab samples (PS-1 GW and PS-9 GW) collected during the advancement of the Geoprobe® borings were sent to Spectrum Analytical for laboratory analyses. Summaries of the laboratory results from the groundwater samples are presented in Table 2, which is located at the end of this report, and copies of the groundwater analytical results are included in Appendix D. The following summarizes the results of the analyses conducted on the groundwater samples. Due to poor groundwater recharge rates, the PS-1 GW sample was only analyzed for petroleum hydrocarbons and VOCs.

The PS-1 GW sample contained petroleum hydrocarbons at a concentration of 174 ppm. There currently are no groundwater standards for petroleum hydrocarbons in a GB groundwater area. The PS-1 GW sample also contained the VOCs n-butylbenzene (106 parts per billion [ppb]), sec-butylbenzene (83.8 ppb), cis-1,2-dichloroethene (24.5 ppb), ethylbenzene (100 ppb), isopropylbenzene (24.8 ppb), 4-isopropyltoluene (47.5 ppb), n-propylbenzene (18.9 ppb), 1,2,4-trimethylbenzene (8.2 ppb), 1,3,5-trimethylbenzene (120 ppb), vinyl chloride (6.6 ppb), and total xylenes (887.2 ppb). The concentration of vinyl chloride (6.6 ppb) detected in the sample exceeds its Residential and Commercial/Industrial DEC of 2 ppb. No other VOCs were detected at concentrations that exceed any applicable CTDEP RSR criteria.

The PS-9 GW sample did not contain detectable concentrations of petroleum hydrocarbons, VOCs, pesticides, or PCBs. The sample contained several BNA compounds including acenaphthene (0.35 ppb), anthracene (0.4 ppb), benzo(a)anthracene (0.925 ppb), benzo(b)fluoranthene (0.65 ppb), benzo(g,h,i)perylene (0.35 ppb), benzo(k)fluoranthene (0.5 ppb), chrysene (0.625 ppb), fluoranthene (1.52 ppb), fluorene (0.25 ppb), indeno(1,2,3-cd)pyrene (0.35 ppb), phenanthrene (1.68 ppb), and pyrene (1.72 ppb). The concentrations of benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, and phenanthrene detected in the sample exceed their respective SWPC of 0.3 ppb. No other BNA compounds were detected at concentrations that exceed any applicable CTDEP RSR criteria.

The PS-9 GW sample contained detectable concentrations of the metals arsenic (0.01 ppm), barium (0.406 ppm), chromium (0.0179 ppm), lead (1.28 ppm), and mercury (0.00076 ppm). The concentrations of arsenic, lead and mercury detected exceed their respective SWPC of 0.004 ppm, 0.013 ppm, and 0.0004 ppm. No other metals were detected at concentrations that exceed any applicable CTDEP RSR criteria.

5.4 Quality Assurance/Quality Control Samples

The field blank samples (FB-1 and FB-2) did not contain detectable concentrations of contaminants. The trip blank (TB-1) sample contained several VOCs including benzene (1.2 ppb), ethylbenzene (1.1 ppb), methyl tert-butyl ether (1.4 ppb), naphthalene (2.4 ppb), toluene (6.6 ppb), 1,2,4-trimethylbenzene (1.3 ppb), and total xylenes (5.1 ppb). The presence of the VOCs in the trip blank sample is either from laboratory contamination from the glassware or analytical equipment. In addition, these VOCs were not detected in any of the samples that were delivered to the laboratory on the date the trip blank was submitted (December 14, 2006), so their presence in the trip blank sample do not affect the results of the analyses. Copies of the analytical reports associated with the quality assurance/quality control samples are included in Appendix E.

6.0 DISCUSSION OF AFFECTED RESOURCES

Based upon the results of laboratory analyses performed on the soil and groundwater samples for this Task 210 investigation, three (3) areas of environmental concern (AOEC) for soil, and a site-wide Groundwater Area of Environmental Concern (GWAOEC) have been identified where contaminants are present at concentrations that exceed applicable CTDEP RSR criteria. In addition, four (4) low-level areas of environmental concern (LLAOECs) have been identified, where contaminants were detected at concentrations below applicable CTDEP RSR standards, but above laboratory detection limits. The locations of the AOECs, GWAOEC, and LLAOECs within the project area are discussed in the following sections.

6.1 Soil Areas of Environmental Concern

AOEC #1: Sample PS-1:

Analytical results from the soil sample collected from boring PS-1 indicate the presence of petroleum hydrocarbon contamination at an elevated concentration in soil ranging from 4 to 8 feet below grade. The contamination detected exceeds the GB PMC.

AOEC #2: Sample PS-9:

Analytical results from the soil sample collected from boring PS-9 indicate the presence of total lead contamination at an elevated concentration in soil ranging from 2 to 4 feet below grade. The contamination detected exceeds the Residential DEC.

AOEC #3: Sample PS-16:

Analytical results from the soil sample collected from boring PS-16 indicate the presence of petroleum hydrocarbon and BNA contamination at elevated concentrations in soil ranging from 2 to 4 feet below grade. The contamination detected exceeds the GB PMC, Residential DEC, and Commercial/Industrial DEC.

6.2 Groundwater Area of Environmental Concern

GWAOEC #1: Samples PS-1 GW & PS-9 GW:

Analytical results from the PS-1 GW and PS-9 GW groundwater samples indicate the presence of VOCs, BNAs, total arsenic, total lead, and total mercury contamination at elevated concentrations that exceed the SWPC, Residential VC, and Commercial/Industrial VC. The groundwater at the site is also impacted with petroleum hydrocarbons at low concentrations that do not exceed any applicable CTDEP RSR criteria, but may impact allowable construction dewatering discharge permit limits. Therefore, all construction dewatering fluids generated

within the project site shall be considered contaminated and must be pumped to approved containers for filtration or sediment settling, and sampled prior to discharge or disposal in accordance with applicable regulations and permit requirements. Active remediation of the groundwater at the site is not recommended due to the GB classification of the site and the availability of a public water supply.

6.3 Low Level Areas of Environmental Concern

LLAOEC #A: Sample PS-2

Analytical results from the soil sample collected from boring PS-2 indicate the presence of petroleum hydrocarbons and VOCs at concentrations below CTDEP RSR standards. The contaminants were detected in the soil ranging from 2 to 4 feet below grade.

LLAOEC #B: Sample PS-4

Analytical results from the soil sample collected from boring PS-4 indicate the presence of petroleum hydrocarbons at concentrations below CTDEP RSR standards. The contaminants were detected in the soil ranging from 2 to 4 feet below grade.

LLAOEC #C: Sample PS-7

Analytical results from the soil sample collected from boring PS-7 indicate the presence of petroleum hydrocarbons and BNAs at concentrations below CTDEP RSR standards. The contaminants were detected in the soil ranging from 2 to 4 feet below grade.

LLAOEC #D: Sample PS-13

Analytical results from the soil sample collected from boring PS-13 indicate the presence of petroleum hydrocarbons at concentrations below CTDEP RSR standards. The contaminants were detected in the soil ranging from 4 to 8 feet below grade.

7.0 RECOMMENDATIONS

The results of the Task 210 – Subsurface Site Investigation for the 10 – 12 and 14 – 26 Francis Avenue properties, in association with the New Britain to Hartford Busway, Park Street Station project in Hartford, Connecticut indicate the presence of petroleum hydrocarbon, BNAs, total arsenic, and total lead contamination in soil samples collected from both properties comprising the proposed Park Street Station site, at concentrations that exceed applicable RSR criteria. The contamination was detected in soils ranging in depth from 2 to 8 feet below grade. Three (3) Areas of Environmental Concern (AOEC) for soil, one (1) site-wide Groundwater Area of Environmental Concern (GWAOEC), and four (4) Low-Level Areas of Environmental Concern (LLAOECs) for soil have been identified within the project area. Task 310 Plans and Specifications are therefore recommended to address proposed construction activities within the Areas of Environmental Concern, Groundwater Area of Environmental Concern, and Low-Level Areas of Environmental Concern described in Section 6.0 above.

8.0 LIMITATIONS

All work product and reports provided by Maguire Group Inc. (MGI) 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, MGI 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 MGI at the time of this investigation. To the extent that such files are missing, incomplete or not provided to MGI, MGI is not responsible. Although there may have been some degree of overlap in the information provided by these various sources, MGI 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 MGI, and the conclusions and recommendations presented herein modified accordingly.

5. Where quantitative laboratory analyses have been conducted by an outside certified laboratory, MGI 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 MGI 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 following qualifications apply to the undersigned's opinion:

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.

Prepared by:	Approved by:	Reviewed by:
Cindy Knight	David R. Stock, P.E.	Jane Witherell, P.E., L.E.P.
Logical Env. Solutions	Program Manager	Principal Engineer

TABLES

TABLE 1(a) - Results of Geoprobe Boring Soil Sample Analyses
New Britain-Hartford Busway Proposed Park Street Station
10 – 12 & 14 – 26 Francis Avenue
Hartford, Connecticut

Boring I.D.: Sample Depth:	PS-1 4'-8'	PS-1 8'-12'	PS-2 2'-4'	PS-3 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	***1,930***	BRL	28.8	BRL	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
n-Butylbenzene	1.41	0.165	BRL	BRL	14 ppm	500/1,000 ppm
sec-Butylbenzene	1.11	0.112	BRL	BRL	14 ppm	500/1,000 ppm
Ethylbenzene	BRL	0.189	BRL	BRL	10.1 ppm	500/1,000 ppm
4-Isopropyltoluene	0.576	BRL	BRL	BRL	41.8 ppm	500/1,000 ppm
n-Propylbenzene	0.153	BRL	BRL	BRL	14 ppm	500/1,000 ppm
Trichloroethene	BRL	BRL	0.014	BRL	1 ppm	56/520 ppm
1,3,5-Trimethylbenzene	1.29	0.127	BRL	BRL	70 ppm	500/1,000 ppm
Xylenes	BRL	0.6549	BRL	BRL	19.5 ppm	500/1,000 ppm
BNAs - Method 8270 (ppm)						
1-Methylnaphthalene	2.43	BRL	BRL	BRL	No Standard	No Standard
2-Methylnaphthalene	1.15	BRL	BRL	BRL	9.8 ppm	474/2,500 ppm
Phenanthrene	1.22	BRL	BRL	BRL	40 ppm	1,000/2,500 ppm
Total BNAs	4.8	BRL	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Barium	62.2	99.8	99.9	51.6		4,700/140,000 ppm
Cadmium	0.62	0.779	0.699	0.389		34/1,000 ppm
Chromium	13.9	23.2	20.8	14.4		100/100 ppm
Lead	38.9	12.9	61.1	5.82		500/1,000 ppm
Mercury	BRL	BRL	0.082	BRL		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0256	0.0376	0.0071	BRL	10.0 ppm	
Lead	BRL	0.0079	BRL	BRL	0.15 ppm	

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

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 Geoprobe Boring Soil Sample Analyses
New Britain-Hartford Busway Proposed Park Street Station
10 – 12 & 14 – 26 Francis Avenue
Hartford, Connecticut

Boring I.D.: Sample Depth:	PS-4 2'-4'	PS-4 8'-12'	PS-5 2'-4'	PS-6 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	59.3	BRL	BRL	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
BNAs - Method 8270 (ppm)	BRL	BRL	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	BRL	BRL	BRL	3.2		10/10 ppm
Barium	44.8	67.9	40.8	41.0		4,700/140,000 ppm
Cadmium	0.39	0.531	0.311	0.453		34/1,000 ppm
Chromium	10.2	15.7	10.4	9.89		100/100 ppm
Lead	55.0	7.47	5.1	19.9		500/1,000 ppm
Mercury	0.145	BRL	BRL	0.153		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.008	0.018	BRL	BRL	10.0 ppm	

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

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 Geoprobe Boring Soil Sample Analyses
New Britain-Hartford Busway Proposed Park Street Station
10 – 12 & 14 – 26 Francis Avenue
Hartford, Connecticut

Boring I.D.: Sample Depth:	PS-7 2'-4'	PS-8 2'-4'	PS-9 2'-4'	PS-10 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	143	BRL	27.5	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
BNAs - Method 8270 (ppm)						
Fluoranthene	BRL	BRL	0.604	BRL	56 ppm	1,000/2,500 ppm
Pyrene	0.267	BRL	BRL	BRL	56 ppm	1,000/2,500 ppm
Total BNAs	0.267	BRL	0.604	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	4.08	BRL	6.52	BRL		10/10 ppm
Barium	56.6	59.4	129	53.5		4,700/140,000 ppm
Cadmium	0.753	0.526	0.695	0.511		34/1,000 ppm
Chromium	11.7	15.4	10.4	14.9		100/100 ppm
Lead	51.4	9.88	***589***	13.3		**500**/1,000 ppm
Mercury	0.079	BRL	0.337	0.0444		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	BRL	0.0112	0.0124	0.0174	10.0 ppm	

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

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 Geoprobe Boring Soil Sample Analyses
New Britain-Hartford Busway Proposed Park Street Station
10 – 12 & 14 – 26 Francis Avenue
Hartford, Connecticut

Boring I.D.: Sample Depth:	PS-11 4'-8'	PS-12 2'-4'	PS-13 4'-8'	PS-14 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	BRL	58.1	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
BNAs - Method 8270 (ppm)	BRL	BRL	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	BRL	BRL	BRL	5.55		10/10 ppm
Barium	62.1	32.9	41.9	75.0		4,700/140,000 ppm
Cadmium	0.473	0.29	0.461	0.67		34/1,000 ppm
Chromium	14.4	11.4	13.4	15.0		100/100 ppm
Lead	3.6	5.08	13.8	48.1		500/1,000 ppm
Mercury	BRL	BRL	BRL	0.408		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	BRL	BRL	0.0158	0.0148	10.0 ppm	

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

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(e) - Results of Geoprobe Boring Soil Sample Analyses
New Britain-Hartford Busway Proposed Park Street Station
10 – 12 & 14 – 26 Francis Avenue
Hartford, Connecticut

Boring I.D.: Sample Depth:	PS-15 4'-8'	PS-16 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	***3,230***	**2,500 ppm**	**500/2,500 ppm**
VOCs - Method 8260 (ppm)	BRL	BRL		
BNAs - Method 8270 (ppm)				
Anthracene	BRL	2.33	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	BRL	***2.0***	**1 ppm**	**1/7.8 ppm**
Benzo(a)pyrene	BRL	***1.67***	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	BRL	***1.95***	**1 ppm**	**1/7.8 ppm**
Benzo(k)fluoranthene	BRL	***1.55***	**1 ppm**	8.4/78 ppm
Chrysene	BRL	***2.77***	**1 ppm**	84/780 ppm
Fluoranthene	BRL	4.87	56 ppm	1,000/2,500 ppm
Phenanthrene	BRL	5.61	40 ppm	1,000/2,500 ppm
Pyrene	BRL	7.11	40 ppm	1,000/2,500 ppm
Total BNAs	BRL	29.86		
Pesticides - Method 8081 (ppm)	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm			Not Applicable	
Arsenic	BRL	***20.5***		**10/10 ppm**
Barium	85.1	60.6		4,700/140,000 ppm
Cadmium	0.599	0.661		34/1,000 ppm
Chromium	17.1	10.9		100/100 ppm
Lead	5.26	205		500/1,000 ppm
Mercury	BRL	0.204		20/610 ppm
SPLP RCRA 8 Metals - ppm				Not Applicable
Barium	0.0206	0.0142	10.0 ppm	

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

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

TABLE 2 - Results of Groundwater Sample Analyses

New Britain-Hartford Busway Proposed Park Street Station
10 – 12 & 14 – 26 Francis Avenue
Hartford, Connecticut

Sample I.D.:	PS-1 GW	PS-9 GW	CTDEP Surface Water Protection Criteria	CTDEP Volatilization Criteria Residential/Commercial & Industrial
CT ETPH (ppm)	174	BRL	None Established	Not Applicable
VOCs - Method 8260 (ppm)				
n-Butylbenzene	106	BRL	None Established	None Established
sec-Butylbenzene	83.8	BRL	None Established	None Established
cis-1,2-Dichloroethene	24.5	BRL	None Established	None Established
Ethylbenzene	100	BRL	580,000 ppb	50,000/50,000 ppb
Isopropylbenzene	24.8	BRL	None Established	2,800 ppb/None Established
4-Isopropyltoluene	47.5	BRL	None Established	1,600 ppb/None Established
n-Propylbenzene	18.9	BRL	None Established	None Established
1,2,4-Trimethylbenzene	8.2	BRL	None Established	360 ppb/None Established
1,3,5-Trimethylbenzene	120	BRL	None Established	280 ppb/None Established
Vinyl Chloride	***6.6***	BRL	15,750 ppb	**2/2 ppb**
Xylenes (total)	887.2	BRL	None Established	21,300/50,000 ppb
BNAs - EPA Method 8270 (ppb)	NA			
Acenaphthene		0.35	None Established	None Established
Anthracene		0.4	1,100,000 ppb	None Established
Benzo(a)anthracene		***0.925***	**0.3 ppb**	None Established
Benzo(b)fluoranthene		***0.65***	**0.3 ppb**	None Established
Benzo(g,h,i)perylene		0.35	None Established	None Established
Benzo(k)fluoranthene		***0.5***	**0.3 ppb**	None Established
Chrysene		0.625	None Established	None Established
Fluoranthene		1.52	3,700 ppb	None Established
Fluorene		0.25	140,000 ppb	None Established
Indeno(1,2,3-cd)pyrene		0.35	None Established	None Established
Phenanthrene		***1.68***	**0.3 ppb**	None Established
Pyrene		1.72	110,000 ppb	None Established
Pesticides - Method 8081 (ppm)	NA	BRL		
PCBs - EPA Method 8082 (ppb)	NA	BRL	0.5 ppb	
Total RCRA 8 Metals – ppm	NA			Not Applicable
Arsenic		***0.01***	**0.004 ppm**	
Barium		0.406	None Established	
Chromium		0.0179	0.05 ppm	
Lead		***1.28***	**0.013 ppm**	
Mercury		***0.00076***	**0.0004 ppm**	

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

NA – Not Analyzed for these parameters due insufficient sample volume from poor groundwater recharge rates.

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

APPENDIX A
CTDOT Access Documents

CERTIFICATE OF CONDEMNATION

THIS IS TO CERTIFY that the State of Connecticut, acting herein by its Commissioner of Transportation, Ralph J. Carpenter, pursuant to the provisions of Section 13a-60 of the General Statutes of Connecticut, as revised, has taken by filing an Assessment and Notice of Condemnation on November 17, 2006 with the Clerk of the Superior Court in the Judicial District of Hartford, a right of entry upon premises owned by Michael Anvocino, 10 Ridgeview Drive, Farmington, Connecticut 06032-2015.

DESCRIPTION OF RIGHT

Said interest consists of the right to enter that certain parcel of land situated in the Town of Hartford, County of Hartford and State of Connecticut, on the easterly side of Present Francis Avenue, at Present Park Street, known as 10-12 Francis Avenue, for the purpose of Subsurface Site Investigation in support of the New Britain-Hartford Busway.

Said right of entry shall terminate automatically upon completion of said Subsurface Site Investigation, unless sooner released by the State.

Dated at Newington, Connecticut, this 16th day of November A.D. 2006.

Ralph J. Carpenter
Commissioner of Transportation
State of Connecticut

By _____ (L.S.)
Arthur W. Gruhn, P.E.
Chief Engineer
Bureau of Engineering
and Highway Operations
Duly Authorized

Return to:
State of Connecticut
Department of Transportation
Office of Rights of Way / 0403
P.O. Box 317546
2800 Berlin Turnpike
Newington, Connecticut 06131-7546
File No. 171-305-107

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

2800 BERLIN TURNPIKE, P.O. BOX 317546
NEWINGTON, CONNECTICUT 06131-7546

Town Hartford
Project 171-305

Name 14 Francis Avenue Realty LLC
Address 14-26 Francis Avenue
Hartford, CT

Dear Property Owner:

Section 13a-60 of the General Statutes of Connecticut, as revised, provides that the Transportation Commissioner or his agent may enter upon private property for the purpose of conducting surveys, inspections or geological investigations for the location, relocation, construction or reconstruction of any proposed or existing highways.

Section 13a-60 provides that the Transportation Commissioner or his agent shall use care that no unnecessary damage shall result and that the State shall pay damage to the owner for any damage or injury he causes such owner by such entrance or use.

Your consent to the Transportation Commissioner or his agent to enter upon your property for the purpose of carrying out the provisions of this statute is requested.

A signature to authorize entrance upon your property does not indicate your approval or disapproval of the above-noted project.

Please sign in the space provided below and return [redacted] in the enclosed self-addressed stamped envelope. Thank you for your cooperation.

Very truly yours,

Arthur W. Gruhn, P.E.
Chief Engineer

I hereby give my consent to the Transportation Commissioner or his agent to enter upon my property in order to carry out the provisions of Sec. 13a-60 of the 1969 Supplement to the General Statutes and for the purposes as checked.

____ Survey
_X_ Borings, Soundings or Other Tests

Owner [signature] Date 10/22/06
Interviewer _____ Date _____

An Equal Opportunity Employer
Printed on Recycled or Recovered Paper

APPENDIX B
Boring Logs

GEOPROBE SOIL BORING LOG

Project: Busway - 10-12 & 14-26 Francis Ave. **Boring:** PS-1

Location: Hartford, CT **Inspector:** C. Criscuolo

Client: MGI **Date:** 12-15-06

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 fine to medium SAND & GRAVEL	1.0	0.8	Macro Core 0'-2'
1.0		Red-Brown fine to coarse SAND, little fine to coarse Gravel, trace Silt	1.5		
2.0				2.4	Macro Core 2'-4'
3.0					
4.0					
5.0		Dark-Brown fine to medium SAND, some Silt, little fine to coarse Gravel (petroleum product at 7.5')		127	Macro Core 4'-8'
6.0					
7.0					
8.0			8.5		
9.0		Brown SILT, little Clay, trace fine Sand (wet)	9.0		
10.0		Gray SILT & CLAY		21.6	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

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

Driller: W. Lineberry **Depth to Water:** 7.5' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway - 10-12 & 14-26 Francis Ave. **Boring:** PS-2

Location: Hartford, CT **Inspector:** C. Criscuolo

Client: MGI **Date:** 12-15-06

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		Milled ASPHALT & BRICK, little Concrete (FILL)		0.1	Macro Core 0'-2'
2.0			2.5		
3.0		Brown fine SAND & SILT (wet)		1.3	Macro Core 2'-4'
4.0					
5.0				0.9	Macro Core 4'-8'
6.0					
7.0			7.0		
8.0		Gray fine SAND, little Silt & Clay			
9.0					
10.0				0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

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

Driller: W. Lineberry **Depth to Water:** 2.5' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

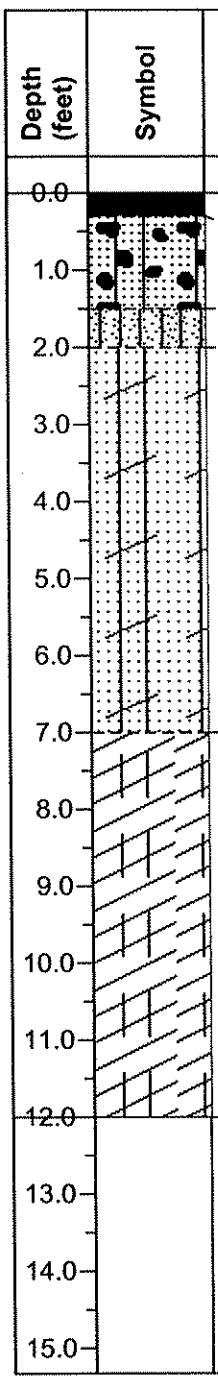
GEOPROBE SOIL BORING LOG

Project: Busway - 10-12 & 14-26 Francis Ave. **Boring:** PS-3

Location: Hartford, CT **Inspector:** C. Criscuolo

Client: MGI **Date:** 12-15-06

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



Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
	Ground Surface	0.0		
	ASPHALT - 3"			
	Red-Brown fine to coarse SAND, little Silt, trace fine to coarse Gravel	1.5	0	Macro Core 0'-2'
	Brown fine to medium SAND & SILT	2.0		
	Brown SILT, little fine Sand, trace Clay (wet at 5')		0.3	Macro Core 2'-4'
		7.0	0.1	Macro Core 4'-8'
	Gray SILT & CLAY	12.0	0	Macro Core 8'-12'
	End of Boring at 12'			

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

Driller: W. Lineberry **Depth to Water:** 5' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

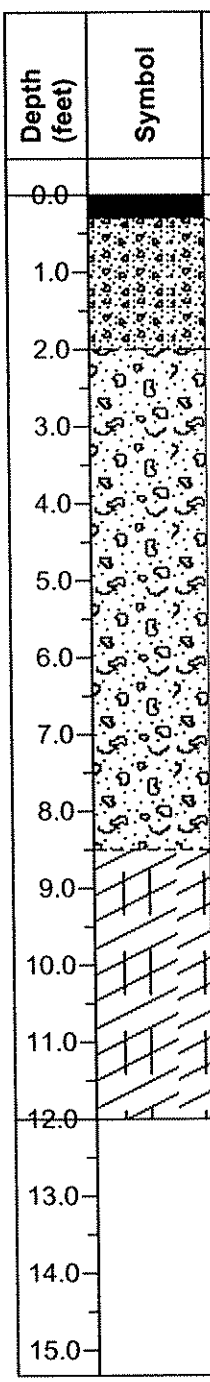
GEOPROBE SOIL BORING LOG

Project: Busway - 10-12 & 14-26 Francis Ave. **Boring:** PS-4

Location: Hartford, CT **Inspector:** C. Criscuolo

Client: MGI **Date:** 12-15-06

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	ASPHALT - 3"			
1.0	Brown fine to medium SAND, little Silt, Concrete & Brick (FILL)		0.1	Macro Core 0'-2'
2.0		2.0		
3.0			0.4	Macro Core 2'-4'
4.0				
5.0	Brown fine to medium SAND, trace Silt & fine Gravel (FILL)			
6.0			0.2	Macro Core 4'-8'
7.0				
8.0		8.5		
9.0				
10.0	Gray SILT & CLAY (wet)		2.0	Macro Core 8'-12'
11.0				
12.0		12.0		
13.0	End of Boring at 12'			
14.0				
15.0				

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

Driller: W. Lineberry **Depth to Water:** 8.5' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

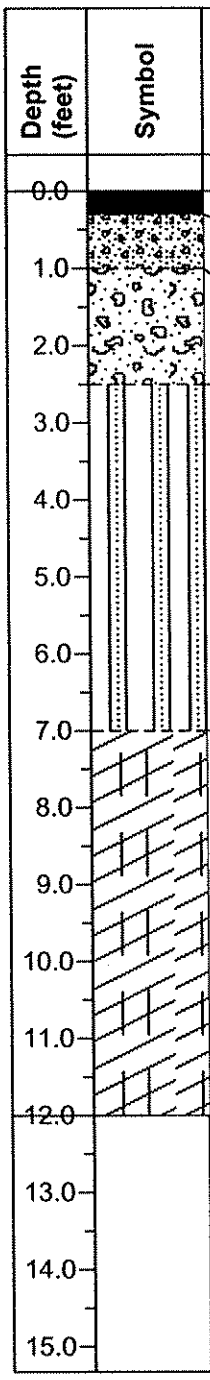
GEOPROBE SOIL BORING LOG

Project: Busway - 10-12 & 14-26 Francis Ave. **Boring:** PS-5

Location: Hartford, CT **Inspector:** C. Criscuolo

Client: MGI **Date:** 12-15-06

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	ASPHALT - 3"			
1.0	Brown fine to medium SAND, little Asphalt, trace fine to coarse Gravel (FILL)	1.0	0	Macro Core 0'-2'
2.0	Brown fine to medium SAND, trace Silt & fine Gravel (FILL)	2.5	0.2	Macro Core 2'-4'
3.0				
4.0				
5.0	Brown SILT, little fine Sand, trace Clay (wet)		0	Macro Core 4'-8'
6.0				
7.0		7.0		
8.0				
9.0	Gray SILT & CLAY (wet)		0	Macro Core 8'-12'
10.0				
11.0				
12.0		12.0		
13.0	End of Boring at 12'			
14.0				
15.0				

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

Driller: W. Lineberry **Depth to Water:** 2.5' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

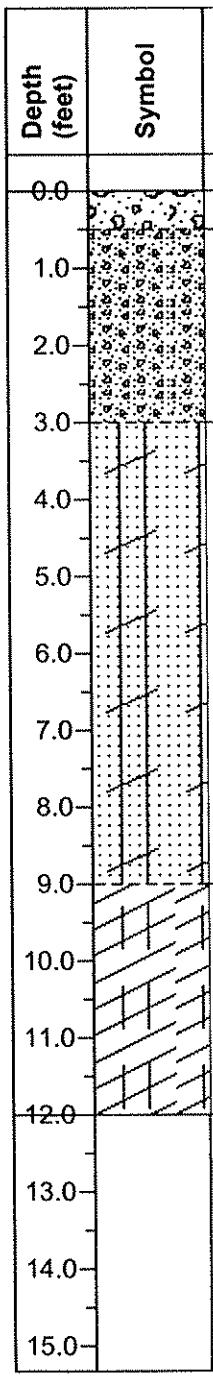
GEOPROBE SOIL BORING LOG

Project: Busway - 10-12 & 14-26 Francis Ave. **Boring:** PS-6

Location: Hartford, CT **Inspector:** C. Criscuolo

Client: MGI **Date:** 12-14-06

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	Gray fine to medium SAND & GRAVEL	0.5		
1.0	Dark-Gray to Black fine to medium SAND, some Silt, little fine to coarse Gravel & Cinders		0	Macro Core 0'-2'
2.0				
3.0		3.0	0.3	Macro Core 2'-4'
4.0	Brown SILT, little Clay, trace fine Sand (wet)			
5.0			0.2	Macro Core 4'-8'
6.0				
7.0				
8.0				
9.0		9.0		
10.0	Gray SILT & CLAY		0	Macro Core 8'-12'
11.0				
12.0		12.0		
13.0	End of Boring at 12'			
14.0				
15.0				

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

Driller: W. Lineberry **Depth to Water:** 3' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

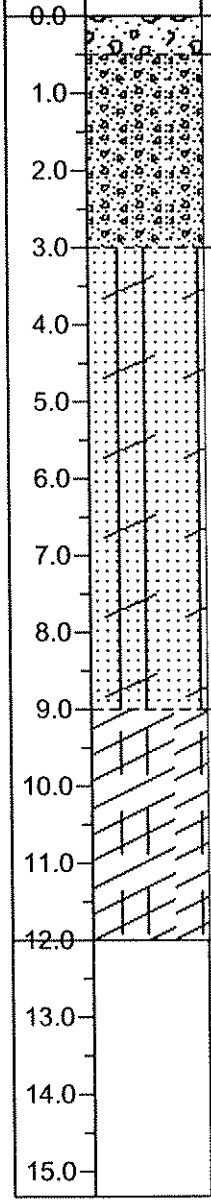
GEOPROBE SOIL BORING LOG

Project: Busway - 10-12 & 14-26 Francis Ave. **Boring:** PS-7

Location: Hartford, CT **Inspector:** C. Criscuolo

Client: MGI **Date:** 12-14-06

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	Gray fine to medium SAND & GRAVEL	0.5		
1.0	Dark-Gray to Black fine to medium SAND, some Silt, little fine to coarse Gravel & Cinders		0	Macro Core 0'-2'
2.0				
3.0		3.0	1.1	Macro Core 2'-4'
4.0				
5.0	Brown SILT, little Clay, trace fine Sand (wet)		0.1	Macro Core 4'-8'
6.0				
7.0				
8.0				
9.0		9.0		
10.0	Gray SILT & CLAY		0	Macro Core 8'-12'
11.0				
12.0		12.0		
13.0	End of Boring at 12'			
14.0				
15.0				

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

Driller: W. Lineberry **Depth to Water:** 3' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

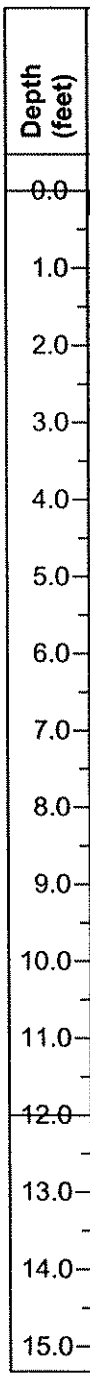
GEOPROBE SOIL BORING LOG

Project: Busway - 10-12 & 14-26 Francis Ave. **Boring:** PS-8

Location: Hartford, CT **Inspector:** C. Criscuolo

Client: MGI **Date:** 12-15-06

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	ASPHALT - 3"			
1.0	Brown fine to medium SAND, little Silt	1.0	0	Macro Core 0'-2'
2.0	Black ASH & CINDERS mixed with fine to medium SAND, little Silt, trace fine to coarse Gravel	2.5	0.2	Macro Core 2'-4'
3.0				
4.0				
5.0	Red-Brown fine to medium SAND, little Silt, trace fine to coarse Gravel (wet at 4')		0	Macro Core 4'-8'
6.0				
7.0		7.0		
8.0				
9.0	Gray SILT & CLAY (wet)		0	Macro Core 8'-12'
10.0				
11.0				
12.0		12.0		
13.0	End of Boring at 12'			
14.0				
15.0				

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

Driller: W. Lineberry **Depth to Water:** 4' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

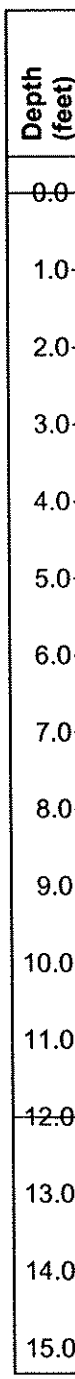
GEOPROBE SOIL BORING LOG

Project: Busway - 10-12 & 14-26 Francis Ave. **Boring:** PS-9

Location: Hartford, CT **Inspector:** C. Criscuolo

Client: MGI **Date:** 12-15-06

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	ASPHALT - 3"			
	Brown fine to medium SAND, little Silt	1.0	0	Macro Core 0'-2'
1.0	Black ASH & CINDERS mixed with fine to medium SAND, little Silt, trace fine to coarse Gravel			
2.0		2.5		
3.0			0.3	Macro Core 2'-4'
4.0	Red-Brown fine to medium SAND, little Silt, trace fine to coarse Gravel (wet at 4')			
5.0				
6.0			0	Macro Core 4'-8'
7.0		7.0		
8.0	Gray SILT & CLAY (wet)			
9.0				
10.0			0	Macro Core 8'-12'
11.0				
12.0		12.0		
13.0	End of Boring at 12'			
14.0				
15.0				

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

Driller: W. Lineberry **Depth to Water:** 4' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

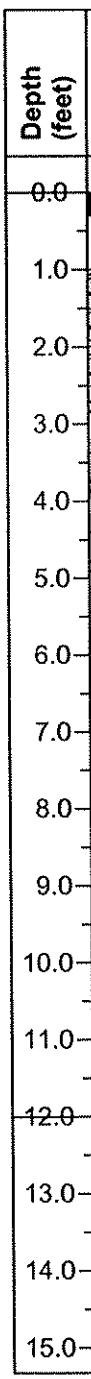
GEOPROBE SOIL BORING LOG

Project: Busway - 10-12 & 14-26 Francis Ave. **Boring:** PS-10

Location: Hartford, CT **Inspector:** C. Criscuolo

Client: MGI **Date:** 12-15-06

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	ASPHALT - 3"			
	Brown fine to medium SAND, little Silt	1.0	0	Macro Core 0'-2'
1.0	Black ASH & CINDERS mixed with fine to medium SAND, little Silt, trace fine to coarse Gravel			
2.0		2.5		
3.0			0.1	Macro Core 2'-4'
4.0	Red-Brown fine to medium SAND, little Silt, trace fine to coarse Gravel (wet at 4')			
5.0				
6.0			0	Macro Core 4'-8'
7.0		7.0		
8.0				
9.0	Gray SILT & CLAY (wet)			
10.0			0	Macro Core 8'-12'
11.0				
12.0		12.0		
13.0	End of Boring at 12'			
14.0				
15.0				

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

Driller: W. Lineberry **Depth to Water:** 4' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

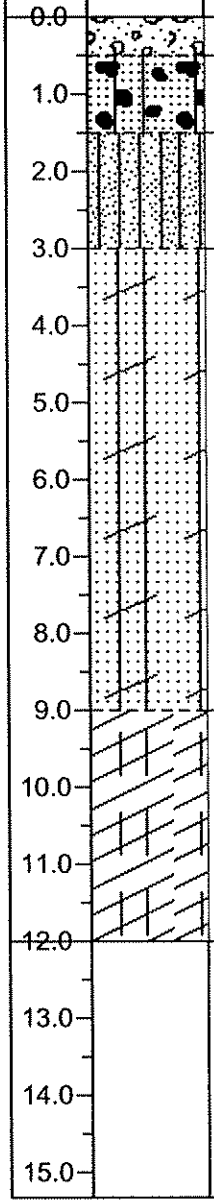
GEOPROBE SOIL BORING LOG

Project: Busway - 10-12 & 14-26 Francis Ave. **Boring:** PS-11

Location: Hartford, CT **Inspector:** C. Criscuolo

Client: MGI **Date:** 12-14-06

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	Gray fine to medium SAND & GRAVEL	0.5		
1.0	Dark-Gray to Black fine to medium SAND, some Silt, little fine to coarse Gravel	1.5	0	Macro Core 0'-2'
2.0	Orange-Brown to Brown fine SAND & SILT			
3.0		3.0	0.5	Macro Core 2'-4'
4.0				
5.0				
6.0	Brown SILT, little Clay, trace fine Sand (wet)		1.8	Macro Core 4'-8'
7.0				
8.0				
9.0		9.0		
10.0	Gray SILT & CLAY		0	Macro Core 8'-12'
11.0				
12.0		12.0		
13.0	End of Boring at 12'			
14.0				
15.0				

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

Driller: W. Lineberry **Depth to Water:** 3' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

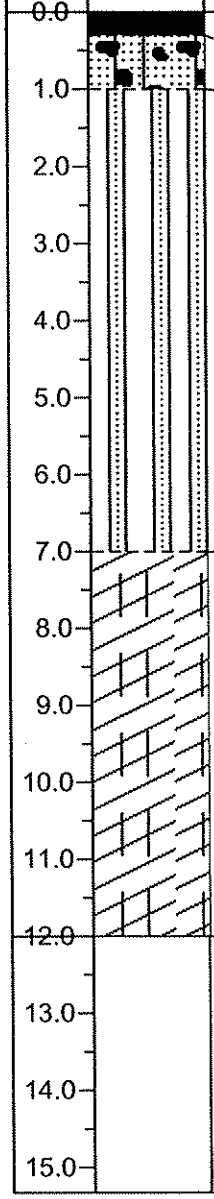
GEOPROBE SOIL BORING LOG

Project: Busway - 10-12 & 14-26 Francis Ave. **Boring:** PS-12

Location: Hartford, CT **Inspector:** C. Criscuolo

Client: MGI **Date:** 12-15-06

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	ASPHALT - 3"			
1.0	Brown fine to medium SAND & SILT, little fine to coarse Gravel	1.0	0	Macro Core 0'-2'
2.0				
3.0			0.3	Macro Core 2'-4'
4.0	Brown SILT, little fine Sand, trace Clay (wet at 4')			
5.0				
6.0			0	Macro Core 4'-8'
7.0		7.0		
8.0				
9.0	Gray SILT & CLAY (wet)			
10.0			0	Macro Core 8'-12'
11.0				
12.0		12.0		
13.0	End of Boring at 12'			
14.0				
15.0				

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

Driller: W. Lineberry **Depth to Water:** 4' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

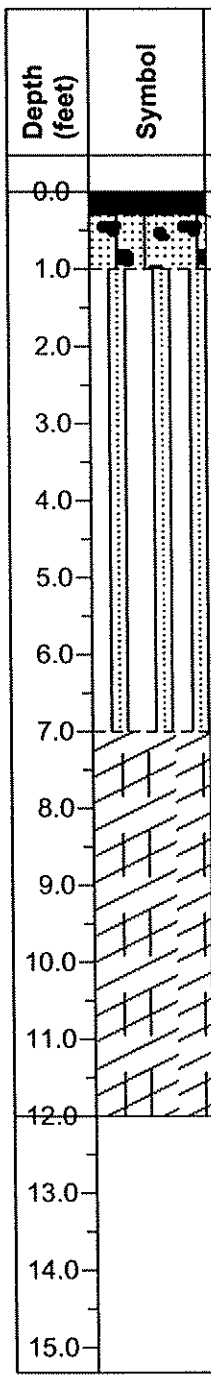
GEOPROBE SOIL BORING LOG

Project: Busway - 10-12 & 14-26 Francis Ave. **Boring:** PS-13

Location: Hartford, CT **Inspector:** C. Criscuolo

Client: MGI **Date:** 12-15-06

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	ASPHALT - 3"			
1.0	Brown fine to medium SAND & SILT, little fine to coarse Gravel	1.0	0	Macro Core 0'-2'
2.0				
3.0			0	Macro Core 2'-4'
4.0	Brown SILT, little fine Sand, trace Clay (wet at 4')			
5.0				
6.0			0.3	Macro Core 4'-8'
7.0		7.0		
8.0				
9.0	Gray SILT & CLAY (wet)			
10.0			0	Macro Core 8'-12'
11.0				
12.0		12.0		
13.0	End of Boring at 12'			
14.0				
15.0				

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

Driller: W. Lineberry **Depth to Water:** 4' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

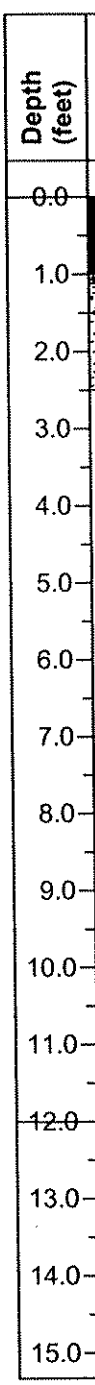
GEOPROBE SOIL BORING LOG

Project: Busway - 10-12 & 14-26 Francis Ave. **Boring:** PS-14

Location: Hartford, CT **Inspector:** C. Criscuolo

Client: MGI **Date:** 12-14-06

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	ASPHALT & Gray fine to medium GRAVEL	1.0	0	Macro Core 0'-2'
1.0	Dark-Gray to Black fine to medium SAND, little Silt & Cinders, trace fine to coarse Gravel, Slag	1.5		
2.0	Brown fine SAND & SILT	2.5	1.1	Macro Core 2'-4'
3.0				
4.0	Brown SILT, little Clay, trace fine Sand (wet)			
5.0			1.0	Macro Core 4'-8'
6.0				
7.0		7.0		
8.0				
9.0	Gray SILT & CLAY			
10.0			0.1	Macro Core 8'-12'
11.0				
12.0		12.0		
13.0	End of Boring at 12'			
14.0				
15.0				

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

Driller: W. Lineberry **Depth to Water:** 4' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

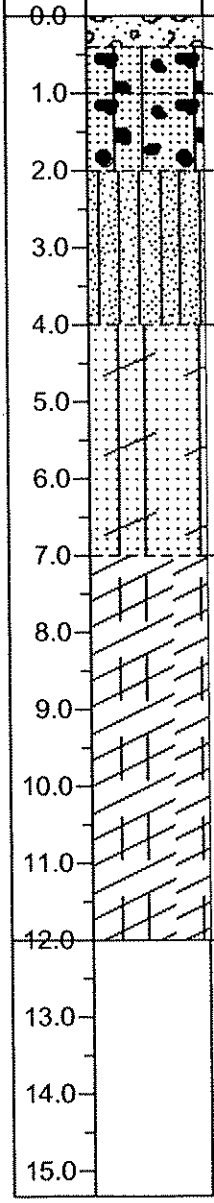
GEOPROBE SOIL BORING LOG

Project: Busway - 10-12 & 14-26 Francis Ave. **Boring:** PS-15

Location: Hartford, CT **Inspector:** C. Criscuolo

Client: MGI **Date:** 12-14-06

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	Gray-Brown fine to medium SAND, little fine to coarse Gravel	0.4		
1.0	Dark-Brown fine SAND & SILT, little fine to coarse Gravel	1.0	0	Macro Core 0'-2'
	Red-Brown fine to medium SAND, little Silt & Cobble, trace fine to coarse Gravel	2.0		
2.0				
3.0	Gray SILT, little fine Sand, trace Clay & fine Gravel		1.2	Macro Core 2'-4'
4.0		4.0		
5.0	Brown SILT, little Clay, trace fine Sand			
6.0			3.4	Macro Core 4'-8'
7.0		7.0		
8.0				
9.0	Gray SILT & CLAY			
10.0			0.2	Macro Core 8'-12'
11.0				
12.0		12.0		
13.0	End of Boring at 12'			
14.0				
15.0				

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

Driller: W. Lineberry **Depth to Water:** 4' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

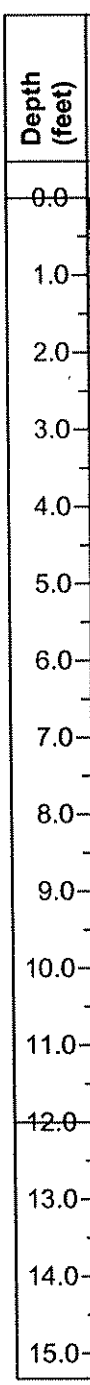
GEOPROBE SOIL BORING LOG

Project: Busway - 10-12 & 14-26 Francis Ave. **Boring:** PS-16

Location: Hartford, CT **Inspector:** C. Criscuolo

Client: MGI **Date:** 12-14-06

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	ASPHALT & Gray fine to medium GRAVEL	0.4		
1.0			0	Macro Core 0'-2'
2.0	Dark-Gray to Black fine to medium SAND, little Silt & Cinders, trace fine to coarse Gravel, Slag (petroleum odor)			
3.0			2.3	Macro Core 2'-4'
4.0		4.5		
	Brown SILT, little fine Sand, trace Clay	5.0		
5.0	Black Organic PEAT	5.5		
6.0	Brown SILT, little Clay, trace fine Sand (wet)		1.9	Macro Core 4'-8'
7.0		7.0		
8.0				
9.0	Gray SILT & CLAY			
10.0			0.1	Macro Core 8'-12'
11.0				
12.0		12.0		
13.0	End of Boring at 12'			
14.0				
15.0				

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

Driller: W. Lineberry **Depth to Water:** 5.5' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

APPENDIX C
Soil Sample
Laboratory Reports

Report Date:
26-Dec-06 16:26

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

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

Project: Busway - Park St Station - CT
Project 171-305

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA55812-01	PS-1 4'-8'	Soil	15-Dec-06 00:00	18-Dec-06 18:05
SA55812-02	PS-1 8'-12'	Soil	15-Dec-06 00:00	18-Dec-06 18:05
SA55812-03	PS-2 2'-4'	Soil	15-Dec-06 00:00	18-Dec-06 18:05
SA55812-04	PS-3 2'-4'	Soil	15-Dec-06 00:00	18-Dec-06 18:05
SA55812-05	PS-4 2'-4'	Soil	15-Dec-06 00:00	18-Dec-06 18:05
SA55812-06	PS-4 8'-12'	Soil	15-Dec-06 00:00	18-Dec-06 18:05
SA55812-07	PS-5 2'-4'	Soil	15-Dec-06 00:00	18-Dec-06 18:05
SA55812-08	PS-8 2'-4'	Soil	15-Dec-06 00:00	18-Dec-06 18:05
SA55812-09	PS-9 2'-4'	Soil	15-Dec-06 00:00	18-Dec-06 18:05
SA55812-10	PS-10 2'-4'	Soil	15-Dec-06 00:00	18-Dec-06 18:05
SA55812-11	PS-12 2'-4'	Soil	15-Dec-06 00:00	18-Dec-06 18:05
SA55812-12	PS-13 4'-8'	Soil	15-Dec-06 00:00	18-Dec-06 18:05
SA55812-13	PS-1 GW	Ground Water	15-Dec-06 00:00	18-Dec-06 18:05
SA55812-14	PS-9 GW	Ground Water	15-Dec-06 00:00	18-Dec-06 18:05
SA55812-15	FB-2	Blank Water	15-Dec-06 00:00	18-Dec-06 18:05

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 129 pages of analytical data plus Chain of Custody document(s).
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

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

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NH-2972, NY-11840, FL-E87936 and NJ-MA012).

Report Date:
22-Dec-06 15:00

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

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

Project: Busway - W. Hartford, CT
Project 171-305

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA55657-01	PS-6 2'-4'	Soil	14-Dec-06 00:00	15-Dec-06 14:50
SA55657-02	PS-7 2'-4'	Soil	14-Dec-06 00:00	15-Dec-06 14:50
SA55657-03	PS-11 4'-8'	Soil	14-Dec-06 00:00	15-Dec-06 14:50
SA55657-04	PS-14 2'-4'	Soil	14-Dec-06 00:00	15-Dec-06 14:50
SA55657-05	PS-15 4'-8'	Soil	14-Dec-06 00:00	15-Dec-06 14:50
SA55657-06	PS-16 2'-4'	Soil	14-Dec-06 00:00	15-Dec-06 14:50
SA55657-07	FB-1	Blank Water	14-Dec-06 00:00	15-Dec-06 14:50
SA55657-08	TB-1	Blank Water	14-Dec-06 00:00	15-Dec-06 14:50

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 88 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 Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

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

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NH-2972, NY-11840, FL-E87936 and NJ-MA012).

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-1 4'-8'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Dec-06	21-Dec-06	6121698	BD
Volatile Organic Compounds			R05								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	148	100	SW 846 8260B	26-Dec-06	26-Dec-06	6121923	jro
67-64-1	Acetone	BRL		µg/kg dry	2960	100	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	148	100	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	148	100	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	148	100	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	148	100	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	148	100	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	148	100	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	296	100	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	1480	100	"	"	"	"	"
104-51-8	n-Butylbenzene	1,410		µg/kg dry	148	100	"	"	"	"	"
135-98-8	sec-Butylbenzene	1,110		µg/kg dry	148	100	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	148	100	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	741	100	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	148	100	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	148	100	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	296	100	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	148	100	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	296	100	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	148	100	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	148	100	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	296	100	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	148	100	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	148	100	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	148	100	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	148	100	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	148	100	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	148	100	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	296	100	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	148	100	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	148	100	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	148	100	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	148	100	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	148	100	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	148	100	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	148	100	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	148	100	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	148	100	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	148	100	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	148	100	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	148	100	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	148	100	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	1480	100	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	148	100	"	"	"	"	"
99-87-6	4-Isopropyltoluene	576		µg/kg dry	148	100	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	148	100	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	1480	100	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	1480	100	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-1 4'-8'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			R05								
Prepared by method SW846 5030 Soil (high level)											
91-20-3	Naphthalene	BRL		µg/kg dry	148	100	SW 846 8260B	26-Dec-06	26-Dec-06	6121923	jro
103-65-1	n-Propylbenzene	153		µg/kg dry	148	100	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	148	100	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	148	100	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	148	100	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	148	100	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	148	100	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	148	100	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	148	100	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	148	100	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	148	100	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	148	100	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	148	100	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	148	100	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	148	100	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	1,290		µg/kg dry	148	100	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	148	100	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	296	100	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	148	100	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	1480	100	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	148	100	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	148	100	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	148	100	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	148	100	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	1480	100	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	2960	100	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.3*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*93.3*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95.0*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	34.2	1	+CT ETPH	21-Dec-06	22-Dec-06	6121673	JD
68476-30-2	Fuel Oil #2	1,930		mg/kg dry	34.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	34.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	34.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	34.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	34.2	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	34.2	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	34.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	1,930		mg/kg dry	34.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	1,930		mg/kg dry	34.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*436*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-1 4'-8'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.47	1	SW846 8081A	21-Dec-06	22-Dec-06	6121676	MP
319-84-6	a-BHC	BRL		µg/kg dry	6.47	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.47	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.47	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.47	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.3	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.47	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.47	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.47	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.47	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.47	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.47	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.47	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.47	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.47	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.47	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.47	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.47	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.3	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.47	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.47	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.47	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*67.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*89.1*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.9	1	SW846 8082	21-Dec-06	22-Dec-06	6121675	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	12.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.9	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.9	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	849	1	SW846 8270C	21-Dec-06	21-Dec-06	6121680	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	849	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	849	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	849	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	849	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	849	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	849	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-1 4'-8' SA55812-01	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	849	1	SW846 8270C	21-Dec-06	21-Dec-06	6121680	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	849	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	849	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	849	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	849	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	849	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	849	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	849	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	849	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	849	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	849	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	849	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	849	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	849	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	849	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	849	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	849	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	849	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	849	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	849	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	849	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	849	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	849	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	849	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	849	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	211	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	849	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	849	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	849	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	849	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	849	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	849	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	849	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	849	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	849	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	849	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	849	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	849	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	849	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	849	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	849	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	849	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	849	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	2,430		µg/kg dry	849	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	849	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	1,150		µg/kg dry	849	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	849	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	849	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	849	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	849	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-1 4'-8'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	849	1	SW846 8270C	21-Dec-06	21-Dec-06	6121680	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3400	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	849	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	849	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3400	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	849	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	849	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	849	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	849	1	"	"	"	"	"
85-01-8	Phenanthrene	1,220		µg/kg dry	849	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	849	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	849	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	849	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	849	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	849	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	849	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*81.2*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*81.9*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*48.1*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*70.1*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*74.4*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*63.7*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0381		mg/kg dry	0.0360	1	SW846 7471A	21-Dec-06	22-Dec-06	6121606	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	5.61	1	EPA 200.7	21-Dec-06	22-Dec-06	6121605	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.77	1	"	"	"	"	"
7440-39-3	Barium	62.2		mg/kg dry	0.590	1	"	"	"	"	"
7440-43-9	Cadmium	0.620		mg/kg dry	0.295	1	"	"	"	"	"
7440-47-3	Chromium	13.9		mg/kg dry	0.590	1	"	"	"	"	"
7439-92-1	Lead	38.9		mg/kg dry	0.886	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.77	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Dec-06	20-Dec-06	6121655	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	22-Dec-06	6121721	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0256		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	0.00040	1	SW846 1312/7470A	"	22-Dec-06	6121722	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	22-Dec-06	6121721	JLC
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	81.5		%		1	SM2540 G Mod.	20-Dec-06	20-Dec-06	6121628	EW

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-1 8'-12' SA55812-02	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Dec-06	21-Dec-06	6121698	BD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	87.3	50	SW 846 8260B	26-Dec-06	26-Dec-06	6121923	jro
67-64-1	Acetone	BRL		µg/kg dry	1750	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	87.3	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	87.3	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	87.3	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	87.3	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	175	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	873	50	"	"	"	"	"
104-51-8	n-Butylbenzene	165		µg/kg dry	87.3	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	112		µg/kg dry	87.3	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	436	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	87.3	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	175	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	87.3	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	175	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	175	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	87.3	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	87.3	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	87.3	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	175	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	87.3	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	87.3	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	87.3	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	87.3	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	87.3	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
100-41-4	Ethylbenzene	189		µg/kg dry	87.3	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	873	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	87.3	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	873	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	873	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-1 8'-12'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
91-20-3	Naphthalene	BRL		µg/kg dry	87.3	50	SW 846 8260B	26-Dec-06	26-Dec-06	6121923	jro
103-65-1	n-Propylbenzene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	87.3	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	87.3	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	87.3	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	87.3	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	87.3	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	87.3	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	87.3	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	127		µg/kg dry	87.3	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	87.3	50	"	"	"	"	"
1330-20-7	m,p-Xylene	565		µg/kg dry	175	50	"	"	"	"	"
95-47-6	o-Xylene	89.9		µg/kg dry	87.3	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	873	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	87.3	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	87.3	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	87.3	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	87.3	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	873	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1750	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99.3*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*92.3*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*91.7*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	29.9	1	+CT ETPH	21-Dec-06	22-Dec-06	6121673	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	29.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	29.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	29.9	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	29.9	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	29.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	29.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	29.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*74.4*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-1 8'-12' SA55812-02	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	7.13	1	SW846 8081A	21-Dec-06	22-Dec-06	6121676	MP
319-84-6	a-BHC	BRL		µg/kg dry	7.13	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	7.13	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.13	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.13	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	35.6	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	7.13	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	7.13	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	7.13	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.13	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.13	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.13	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.13	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.13	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.13	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.13	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.13	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.13	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	35.6	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.13	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.13	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.13	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*73.2*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*85.9*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	14.3	1	SW846 8082	21-Dec-06	22-Dec-06	6121675	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	14.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	14.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	14.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	14.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	14.3	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	14.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	14.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	14.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65.2*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95.1*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	742	1	SW846 8270C	21-Dec-06	21-Dec-06	6121680	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	742	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	742	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	742	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	742	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	742	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	742	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-1 8'-12'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	742	1	SW846 8270C	21-Dec-06	21-Dec-06	6121680	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	742	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	742	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	742	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	742	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	742	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	742	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	742	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	742	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	742	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	742	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	742	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	742	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	742	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	742	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	742	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	742	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	742	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	742	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	742	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	742	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	742	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	742	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	742	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	742	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	184	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	742	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	742	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	742	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	742	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	742	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	742	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	742	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	742	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	742	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	742	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	742	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	742	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	742	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	742	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	742	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	742	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	742	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	742	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	742	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	742	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	742	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	742	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	742	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	742	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-1 8'-12'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	742	1	SW846 8270C	21-Dec-06	21-Dec-06	6121680	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2970	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	742	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	742	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2970	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	742	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	742	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	742	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	742	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	742	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	742	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	742	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	742	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	742	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	742	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	742	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*71.0*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*86.2*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*70.2*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*77.2*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*76.2*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*58.7*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0390	1	SW846 7471A	21-Dec-06	22-Dec-06	6121606	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	7.92	1	EPA 200.7	21-Dec-06	22-Dec-06	6121605	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.98	1	"	"	"	"	"
7440-39-3	Barium	99.8		mg/kg dry	0.660	1	"	"	"	"	"
7440-43-9	Cadmium	0.779		mg/kg dry	0.330	1	"	"	"	"	"
7440-47-3	Chromium	23.2		mg/kg dry	0.660	1	"	"	"	"	"
7439-92-1	Lead	12.9		mg/kg dry	0.990	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.98	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Dec-06	20-Dec-06	6121655	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	22-Dec-06	6121721	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0376		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	0.00040	1	SW846 1312/7470A	"	22-Dec-06	6121722	YP
7439-92-1	Lead	0.0079		mg/l	0.0075	1	SW846 1312/6010B	"	22-Dec-06	6121721	JLC
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	75.4		%		1	SM2540 G Mod.	20-Dec-06	20-Dec-06	6121628	EW

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-2 2'-4' SA55812-03	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Dec-06	21-Dec-06	6121698	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	8.2	1	SW 846 8260B	22-Dec-06	23-Dec-06	6121824	MF
67-64-1	Acetone	BRL		µg/kg dry	164	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	16.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	81.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	40.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	16.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	16.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	16.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	16.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	81.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	81.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	81.8	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-2 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	8.2	1	SW 846 8260B	22-Dec-06	23-Dec-06	6121824	MF
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
79-01-6	Trichloroethene	14.0		µg/kg dry	8.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	16.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	81.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	81.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	164	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	24.3	1	+CT ETPH	21-Dec-06	22-Dec-06	6121673	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	24.3	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	24.3	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	24.3	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	24.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	24.3	1	"	"	"	"	"
	Unidentified	28.8		mg/kg dry	24.3	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	24.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	28.8		mg/kg dry	24.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	28.8		mg/kg dry	24.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*65.8*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-2 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.74	1	SW846 8081A	21-Dec-06	24-Dec-06	6121676	MP
319-84-6	a-BHC	BRL		µg/kg dry	6.74	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.74	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.74	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.74	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	33.7	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.74	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.74	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.74	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.74	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.74	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.74	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.74	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.74	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.74	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.74	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.74	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.74	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	33.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.74	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.74	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.74	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*52.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*53.6*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.5	1	SW846 8082	21-Dec-06	22-Dec-06	6121675	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	13.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.5	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.5	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	13.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*49.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80.0*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	603	1	SW846 8270C	21-Dec-06	21-Dec-06	6121680	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	603	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	603	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	603	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	603	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	603	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	603	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-2 2'-4' SA55812-03	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	603	1	SW846 8270C	21-Dec-06	21-Dec-06	6121680	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	603	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	603	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	603	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	603	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	603	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	603	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	603	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	603	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	603	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	603	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	603	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	603	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	603	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	603	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	603	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	603	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	603	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	603	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	603	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	603	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	603	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	603	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	603	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	603	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	285	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	603	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	603	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	603	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	603	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	603	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	603	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	603	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	603	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	603	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	603	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	603	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	603	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	603	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	603	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	603	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	603	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	603	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	603	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	603	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	603	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	603	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	603	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	603	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	603	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-2 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	603	1	SW846 8270C	21-Dec-06	21-Dec-06	6121680	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2410	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	603	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	603	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2410	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	603	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	603	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	603	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	603	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	603	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	603	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	603	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	603	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	603	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	603	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	603	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*64.0*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*70.1*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*59.3*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*59.1*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*73.7*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*54.2*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0820		mg/kg dry	0.0392	1	SW846 7471A	21-Dec-06	22-Dec-06	6121606	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	7.17	1	EPA 200.7	21-Dec-06	22-Dec-06	6121605	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.79	1	"	"	"	"	"
7440-39-3	Barium	99.9		mg/kg dry	0.598	1	"	"	"	"	"
7440-43-9	Cadmium	0.699		mg/kg dry	0.299	1	"	"	"	"	"
7440-47-3	Chromium	20.8		mg/kg dry	0.598	1	"	"	"	"	"
7439-92-1	Lead	61.1		mg/kg dry	0.896	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.79	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Dec-06	20-Dec-06	6121655	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	22-Dec-06	6121721	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0071		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	0.00040	1	SW846 1312/7470A	"	22-Dec-06	6121722	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	22-Dec-06	6121721	JLC
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	75.8		%		1	SM2540 G Mod.	20-Dec-06	20-Dec-06	6121628	EW

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-3 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Dec-06	21-Dec-06	6121698	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo 113)	BRL		µg/kg dry	8.1	1	SW 846 8260B	22-Dec-06	23-Dec-06	6121824	MF
67-64-1	Acetone	BRL		µg/kg dry	162	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.1	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.1	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	16.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	81.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	40.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.1	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	16.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.1	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	16.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	16.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.1	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	16.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	81.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.1	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	81.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	81.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-3 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	8.1	1	SW 846 8260B	22-Dec-06	23-Dec-06	6121824	MF
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.1	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.1	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	16.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	81.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.1	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.1	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.1	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.1	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	81.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	162	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.2*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*108*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	23.6	1	+CT ETPH	21-Dec-06	22-Dec-06	6121673	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	23.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	23.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	23.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	23.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	23.6	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	23.6	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	23.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	23.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	23.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*77.7*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-3 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.72	1	SW846 8081A	21-Dec-06	24-Dec-06	6121676	MP
319-84-6	a-BHC	BRL		µg/kg dry	6.72	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.72	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.72	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.72	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	33.6	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.72	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.72	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.72	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.72	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.72	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.72	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.72	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.72	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.72	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.72	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.72	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.72	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	33.6	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.72	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.72	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.72	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*54.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*93.3*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.4	1	SW846 8082	21-Dec-06	22-Dec-06	6121675	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	13.4	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.4	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.4	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.4	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.4	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	13.4	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.4	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75.4*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	587	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	587	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	587	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	587	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	587	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	587	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	587	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-3 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	587	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	587	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	587	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	587	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	587	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	587	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	587	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	587	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	587	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	587	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	587	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	587	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	587	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	587	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	587	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	587	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	587	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	587	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	587	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	587	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	587	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	587	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	587	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	587	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	587	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	293	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	587	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	587	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	587	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	587	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	587	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	587	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	587	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	587	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	587	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	587	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	587	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	587	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	587	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	587	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	587	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	587	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	587	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	587	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	587	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	587	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	587	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	587	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	587	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	587	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-3 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	587	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2350	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	587	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	587	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2350	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	587	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	587	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	587	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	587	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	587	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	587	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	587	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	587	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	587	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	587	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	587	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68.8*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*86.2*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*58.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*76.7*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*76.9*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*53.3*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0398	1	SW846 7471A	21-Dec-06	22-Dec-06	6121606	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	6.16	1	EPA 200.7	21-Dec-06	22-Dec-06	6121605	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.95	1	"	"	"	"	"
7440-39-3	Barium	51.6		mg/kg dry	0.649	1	"	"	"	"	"
7440-43-9	Cadmium	0.389		mg/kg dry	0.324	1	"	"	"	"	"
7440-47-3	Chromium	14.4		mg/kg dry	0.649	1	"	"	"	"	"
7439-92-1	Lead	5.82		mg/kg dry	0.973	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.95	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Dec-06	20-Dec-06	6121655	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	22-Dec-06	6121721	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	BRL		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	0.00040	1	SW846 1312/7470A	"	22-Dec-06	6121722	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	22-Dec-06	6121721	JLC
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	75.1		%		1	SM2540 G Mod.	20-Dec-06	20-Dec-06	6121628	EW

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-4 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Dec-06	21-Dec-06	6121698	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	6.2	1	SW 846 8260B	22-Dec-06	23-Dec-06	6121824	MF
67-64-1	Acetone	BRL		µg/kg dry	124	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
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	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	62.2	1	"	"	"	"	"
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	31.1	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.4	1	"	"	"	"	"
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	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
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	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
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	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	62.2	1	"	"	"	"	"
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	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	62.2	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	62.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-4 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	6.2	1	SW 846 8260B	22-Dec-06	23-Dec-06	6121824	MF
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
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	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
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	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	62.2	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	62.2	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	124	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	21.8	1	+CT ETPH	21-Dec-06	22-Dec-06	6121673	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	21.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	21.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	21.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	21.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	21.8	1	"	"	"	"	"
	Unidentified	59.3		mg/kg dry	21.8	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	21.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	59.3		mg/kg dry	21.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	59.3		mg/kg dry	21.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*69.3*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-4 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	5.50	1	SW846 8081A	21-Dec-06	24-Dec-06	6121676	MP
319-84-6	a-BHC	BRL		µg/kg dry	5.50	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	5.50	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.50	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.50	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	27.5	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.50	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.50	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.50	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.50	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.50	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.50	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.50	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.50	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.50	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.50	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.50	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.50	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	27.5	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.50	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.50	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.50	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*57.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*63.3*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.0	1	SW846 8082	21-Dec-06	22-Dec-06	6121675	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	11.0	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.0	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.0	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.0	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.0	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	11.0	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.0	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*49.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*64.9*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	542	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	542	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	542	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	542	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	542	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	542	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	542	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-4 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	542	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	542	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	542	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	542	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	542	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	542	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	542	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	542	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	542	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	542	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	542	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	542	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	542	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	542	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	542	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	542	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	542	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	542	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	542	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	542	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	542	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	542	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	542	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	542	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	542	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	271	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	542	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	542	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	542	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	542	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	542	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	542	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	542	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	542	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	542	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	542	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	542	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	542	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	542	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	542	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	542	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	542	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	542	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	542	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	542	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	542	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	542	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	542	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	542	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	542	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-4 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	542	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2170	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	542	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	542	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2170	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	542	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	542	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	542	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	542	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	542	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	542	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	542	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	542	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	542	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	542	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	542	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*70.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*85.0*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*59.2*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*75.0*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*75.9*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*57.0*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.145		mg/kg dry	0.0333	1	SW846 7471A	21-Dec-06	22-Dec-06	6121606	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	4.81	1	EPA 200.7	21-Dec-06	22-Dec-06	6121605	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.52	1	"	"	"	"	"
7440-39-3	Barium	44.8		mg/kg dry	0.507	1	"	"	"	"	"
7440-43-9	Cadmium	0.390		mg/kg dry	0.253	1	"	"	"	"	"
7440-47-3	Chromium	10.2		mg/kg dry	0.507	1	"	"	"	"	"
7439-92-1	Lead	55.0		mg/kg dry	0.760	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.52	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Dec-06	20-Dec-06	6121655	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	22-Dec-06	6121721	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0080		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	0.00040	1	SW846 1312/7470A	"	22-Dec-06	6121722	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	22-Dec-06	6121721	JLC
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	88.9		%		1	SM2540 G Mod.	20-Dec-06	20-Dec-06	6121628	EW

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-4 8'-12' SA55812-06	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Dec-06	21-Dec-06	6121698	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo 113)	BRL		µg/kg dry	8.5	1	SW 846 8260B	22-Dec-06	23-Dec-06	6121824	MF
67-64-1	Acetone	BRL		µg/kg dry	170	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	17.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	85.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	42.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	17.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	17.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	17.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	17.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	85.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	85.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	85.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-4 8'-12'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	8.5	1	SW 846 8260B	22-Dec-06	23-Dec-06	6121824	MF
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	17.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	85.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	85.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	170	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.2*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*107*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	27.0	1	+CT ETPH	21-Dec-06	22-Dec-06	6121673	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	27.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	27.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	27.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	27.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	27.0	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	27.0	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	27.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	27.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	27.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*76.3*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-4 8'-12' SA55812-06	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	7.04	1	SW846 8081A	21-Dec-06	24-Dec-06	6121676	MP
319-84-6	a-BHC	BRL		µg/kg dry	7.04	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	7.04	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.04	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.04	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	35.2	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	7.04	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	7.04	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	7.04	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.04	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.04	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.04	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.04	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.04	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.04	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.04	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.04	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.04	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	35.2	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.04	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.04	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.04	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*54.5*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*62.3*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	14.1	1	SW846 8082	21-Dec-06	22-Dec-06	6121675	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	14.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	14.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	14.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	14.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	14.1	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	14.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	14.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	14.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*54.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*69.9*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	669	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	669	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	669	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	669	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	669	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	669	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	669	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-4 8'-12'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	669	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	669	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	669	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	669	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	669	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	669	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	669	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	669	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	669	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	669	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	669	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	669	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	669	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	669	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	669	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	669	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	669	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	669	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	669	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	669	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	669	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	669	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	669	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	669	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	669	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	166	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	669	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	669	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	669	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	669	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	669	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	669	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	669	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	669	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	669	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	669	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	669	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	669	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	669	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	669	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	669	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	669	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	669	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	669	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	669	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	669	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	669	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	669	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	669	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	669	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-4 8'-12'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	669	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2680	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	669	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	669	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2680	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	669	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	669	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	669	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	669	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	669	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	669	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	669	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	669	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	669	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	669	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	669	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68.0*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*86.4*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*60.4*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*73.5*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*76.2*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*55.3*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0404	1	SW846 7471A	21-Dec-06	22-Dec-06	6121606	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	6.08	1	EPA 200.7	21-Dec-06	22-Dec-06	6121605	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.92	1	"	"	"	"	"
7440-39-3	Barium	67.9		mg/kg dry	0.640	1	"	"	"	"	"
7440-43-9	Cadmium	0.531		mg/kg dry	0.320	1	"	"	"	"	"
7440-47-3	Chromium	15.7		mg/kg dry	0.640	1	"	"	"	"	"
7439-92-1	Lead	7.47		mg/kg dry	0.959	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.92	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Dec-06	20-Dec-06	6121655	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	22-Dec-06	6121721	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0180		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	0.00040	1	SW846 1312/7470A	"	22-Dec-06	6121722	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	22-Dec-06	6121721	JLC
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	73.2		%		1	SM2540 G Mod.	20-Dec-06	20-Dec-06	6121628	EW

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-5 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Dec-06	21-Dec-06	6121698	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	6.9	1	SW 846 8260B	26-Dec-06	26-Dec-06	6121925	MF
67-64-1	Acetone	BRL		µg/kg dry	137	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.9	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.9	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	68.5	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	34.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.9	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.9	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	68.5	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	68.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	68.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-5 2'-4' SA55812-07	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.16	1	SW846 8081A	21-Dec-06	24-Dec-06	6121676	MP
319-84-6	a-BHC	BRL		µg/kg dry	6.16	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.16	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.16	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.16	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.8	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.16	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.16	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.16	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.16	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.16	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.16	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.16	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.16	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.16	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.16	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.16	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.16	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.8	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.16	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.16	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.16	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*44.7*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*53.4*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.3	1	SW846 8082	21-Dec-06	22-Dec-06	6121675	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*60.1*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	501	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	501	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	501	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	501	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	501	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	501	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	501	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-5 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	6.9	1	SW 846 8260B	26-Dec-06	26-Dec-06	6121925	MF
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.9	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	68.5	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	68.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	137	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96.6*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	20.2	1	+CT ETPH	21-Dec-06	22-Dec-06	6121673	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	20.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	20.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	20.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	20.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	20.2	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	20.2	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	20.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	20.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	20.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*59.7*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-5 2'-4' SA55812-07	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	501	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	501	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	501	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	501	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	501	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	501	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	501	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	501	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	501	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	501	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	501	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	501	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	501	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	501	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	501	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	501	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	501	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	501	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	501	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	250	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	501	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	501	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	501	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	501	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	501	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	501	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	501	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	501	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	501	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	501	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	501	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	501	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	501	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	501	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	501	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	501	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	501	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-5 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	501	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2000	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2000	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	501	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	501	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	501	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	501	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	501	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	501	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	501	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67.0*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*68.6*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*54.5*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*58.1*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*73.9*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*50.2*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0350	1	SW846 7471A	21-Dec-06	22-Dec-06	6121606	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	5.28	1	EPA 200.7	21-Dec-06	22-Dec-06	6121605	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.67	1	"	"	"	"	"
7440-39-3	Barium	40.8		mg/kg dry	0.556	1	"	"	"	"	"
7440-43-9	Cadmium	0.311		mg/kg dry	0.278	1	"	"	"	"	"
7440-47-3	Chromium	10.4		mg/kg dry	0.556	1	"	"	"	"	"
7439-92-1	Lead	5.10		mg/kg dry	0.834	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.67	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Dec-06	20-Dec-06	6121655	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	22-Dec-06	6121721	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	BRL		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	0.00040	1	SW846 1312/7470A	"	22-Dec-06	6121722	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	22-Dec-06	6121721	JLC
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	83.7		%		1	SM2540 G Mod.	20-Dec-06	20-Dec-06	6121628	EW

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-6 2'-4'	171-305	Soil	14-Dec-06 00:00	15-Dec-06
SA55657-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	15-Dec-06	15-Dec-06	6121249	YM
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	7.5	1	SW 846 8260B	20-Dec-06	21-Dec-06	6121622	RLJ
67-64-1	Acetone	BRL		µg/kg dry	150	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
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	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	74.9	1	"	"	"	"	"
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	37.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.0	1	"	"	"	"	"
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	15.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
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	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
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	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	74.9	1	"	"	"	"	"
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	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	74.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	74.9	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-6 2'-4' SA55657-01	171-305	Soil	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	7.5	1	SW 846 8260B	20-Dec-06	21-Dec-06	6121622	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
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	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
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	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	74.9	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	74.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	150	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*105*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*111*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	38.6	1	+CT ETPH	20-Dec-06	21-Dec-06	6121534	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	38.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	38.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	38.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	38.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	38.6	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	38.6	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	38.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	38.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	38.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*81.2*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-6 2'-4'	171-305	Soil	14-Dec-06 00:00	15-Dec-06
SA55657-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.32	1	SW846 8081A	19-Dec-06	20-Dec-06	6121443	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.32	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.32	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.32	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.32	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	31.6	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.32	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.32	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.32	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.32	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.32	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.32	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.32	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.32	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.32	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.32	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.32	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.32	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	31.6	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.32	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.32	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.32	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*63.6*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*108*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.6	1	SW846 8082	19-Dec-06	20-Dec-06	6121442	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	12.6	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.6	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.6	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.6	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.6	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.6	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.6	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.6	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50.2*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75.2*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	275	1	SW846 8270C	19-Dec-06	20-Dec-06	6121441	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	275	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	275	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	275	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	275	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	275	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	275	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-6 2'-4' SA55657-01	171-305	Soil	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	275	1	SW846 8270C	19-Dec-06	20-Dec-06	6121441	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	275	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	275	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	275	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	275	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	275	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	275	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	275	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	275	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	275	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	275	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	275	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	275	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	275	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	275	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	275	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	275	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	275	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	275	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	275	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	275	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	275	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	275	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	275	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	275	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	275	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	275	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	275	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	275	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	275	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	275	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	275	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	275	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	275	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	275	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	275	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	275	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	275	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	275	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	275	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	275	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	275	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	275	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	275	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	275	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	275	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	275	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	275	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	275	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	275	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-6 2'-4'	171-305	Soil	14-Dec-06 00:00	15-Dec-06
SA55657-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	275	1	SW846 8270C	19-Dec-06	20-Dec-06	6121441	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1100	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	275	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	275	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1100	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	275	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	275	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	275	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	275	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	275	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	275	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	275	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	275	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	275	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	275	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	275	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*76.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*65.1*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*56.8*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*47.1*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*92.1*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*87.4*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.153		mg/kg dry	0.0375	1	SW846 7471A	21-Dec-06	22-Dec-06	6121392	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.19	1	EPA 200.7	21-Dec-06	22-Dec-06	6121391	RM
7440-38-2	Arsenic	3.20		mg/kg dry	1.79	1	"	"	"	"	"
7440-39-3	Barium	41.0		mg/kg dry	0.597	1	"	"	"	"	"
7440-43-9	Cadmium	0.453		mg/kg dry	0.298	1	"	"	"	"	"
7440-47-3	Chromium	9.89		mg/kg dry	0.597	1	"	"	"	"	"
7439-92-1	Lead	19.9		mg/kg dry	0.895	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.79	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	19-Dec-06	19-Dec-06	6121522	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	21-Dec-06	6121576	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	BRL		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	0.00040	1	SW846 1312/7470A	"	21-Dec-06	6121577	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	21-Dec-06	6121576	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	79.8		%		1	SM2540 G Mod.	20-Dec-06	20-Dec-06	6121563	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-7 2'-4' SA55657-02	171-305	Soil	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	15-Dec-06	15-Dec-06	6121249	YM
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	7.3	1	SW 846 8260B	21-Dec-06	22-Dec-06	6121713	MF
67-64-1	Acetone	BRL		µg/kg dry	146	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	14.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	73.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	36.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	14.6	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	14.6	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.6	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.6	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	73.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	73.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	73.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-7 2'-4'	171-305	Soil	14-Dec-06 00:00	15-Dec-06
SA55657-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	7.3	1	SW 846 8260B	21-Dec-06	22-Dec-06	6121713	MF
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	14.6	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	73.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	73.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	146	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*95.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*113*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	33.8	1	+CT ETPH	20-Dec-06	21-Dec-06	6121534	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	33.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	33.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	33.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	33.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	33.8	1	"	"	"	"	"
	Unidentified	143		mg/kg dry	33.8	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	33.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	143		mg/kg dry	33.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	143		mg/kg dry	33.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*181*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-7 2'-4' SA55657-02	171-305	Soil	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.32	1	SW846 8081A	19-Dec-06	20-Dec-06	6121443	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.32	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.32	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.32	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.32	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	31.6	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.32	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.32	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.32	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.32	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.32	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.32	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.32	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.32	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.32	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.32	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.32	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.32	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	31.6	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.32	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.32	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.32	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*83.3*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.6	1	SW846 8082	20-Dec-06	21-Dec-06	6121532	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	12.6	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.6	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.6	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.6	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.6	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.6	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.6	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.6	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*65.2*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	252	1	SW846 8270C	19-Dec-06	22-Dec-06	6121441	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	252	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	252	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	252	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	252	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	252	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	252	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-7 2'-4'	171-305	Soil	14-Dec-06 00:00	15-Dec-06
SA55657-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	252	1	SW846 8270C	19-Dec-06	22-Dec-06	6121441	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	252	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	252	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	252	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	252	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	252	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	252	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	252	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	252	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	252	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	252	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	252	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	252	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	252	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	252	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	252	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	252	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	252	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	252	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	252	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	252	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	252	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	252	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	252	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	252	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	252	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	252	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	252	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	252	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	252	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	252	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	252	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	252	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	252	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	252	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	252	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	252	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	252	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	252	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	252	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	252	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	252	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	252	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	252	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	252	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	252	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	252	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	252	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	252	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	252	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-7 2'-4' SA55657-02	171-305	Soil	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	252	1	SW846 8270C	19-Dec-06	22-Dec-06	6121441	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1010	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	252	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	252	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1010	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	252	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	252	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	252	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	252	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	252	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	252	1	"	"	"	"	"
129-00-0	Pyrene	267		µg/kg dry	252	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	252	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	252	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	252	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	252	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*69.7*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*59.8*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*55.1*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*40.6*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*81.1*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*76.8*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0790		mg/kg dry	0.0366	1	SW846 7471A	21-Dec-06	22-Dec-06	6121392	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.07	1	EPA 200.7	21-Dec-06	22-Dec-06	6121391	RM
7440-38-2	Arsenic	4.08		mg/kg dry	1.60	1	"	"	"	"	"
7440-39-3	Barium	56.6		mg/kg dry	0.534	1	"	"	"	"	"
7440-43-9	Cadmium	0.753		mg/kg dry	0.267	1	"	"	"	"	"
7440-47-3	Chromium	11.7		mg/kg dry	0.534	1	"	"	"	"	"
7439-92-1	Lead	51.4		mg/kg dry	0.802	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.60	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	19-Dec-06	19-Dec-06	6121522	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	21-Dec-06	6121576	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	BRL		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	0.00040	1	SW846 1312/7470A	"	21-Dec-06	6121577	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	21-Dec-06	6121576	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	81.7		%		1	SM2540 G Mod.	20-Dec-06	20-Dec-06	6121563	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-8 2'-4' SA55812-08	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Dec-06	21-Dec-06	6121698	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	7.6	1	SW 846 8260B	22-Dec-06	23-Dec-06	6121824	MF
67-64-1	Acetone	BRL		µg/kg dry	152	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.6	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	76.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	38.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	76.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	76.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	76.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-8 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	7.6	1	SW 846 8260B	22-Dec-06	23-Dec-06	6121824	MF
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
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	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*113*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	21.0	1	+CT ETPH	21-Dec-06	22-Dec-06	6121673	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	21.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	21.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	21.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	21.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	21.0	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	21.0	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	21.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	21.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	21.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*67.7*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-8 2'-4' SA55812-08	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.19	1	SW846 8081A	21-Dec-06	24-Dec-06	6121676	MP
319-84-6	a-BHC	BRL		µg/kg dry	6.19	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.19	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.19	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.19	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	31.0	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.19	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.19	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.19	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.19	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.19	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.19	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.19	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.19	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.19	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.19	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.19	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.19	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	31.0	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.19	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.19	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.19	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*59.7*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*66.3*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.4	1	SW846 8082	21-Dec-06	22-Dec-06	6121675	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	12.4	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.4	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.4	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.4	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.4	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.4	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.4	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*54.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*74.8*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	520	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	520	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	520	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	520	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	520	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	520	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	520	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-8 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	520	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	520	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	520	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	520	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	520	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	520	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	520	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	520	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	520	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	520	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	520	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	520	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	520	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	520	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	520	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	520	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	520	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	520	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	520	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	520	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	520	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	520	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	520	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	520	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	520	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	260	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	520	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	520	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	520	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	520	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	520	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	520	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	520	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	520	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	520	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	520	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	520	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	520	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	520	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	520	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	520	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	520	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	520	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	520	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	520	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	520	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	520	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	520	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	520	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	520	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-8 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	520	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2080	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	520	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	520	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2080	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	520	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	520	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	520	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	520	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	520	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	520	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	520	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	520	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	520	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	520	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	520	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*70.3*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*61.1*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*59.4*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*77.3*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*53.1*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0380	1	SW846 7471A	21-Dec-06	22-Dec-06	6121606	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	6.02	1	EPA 200.7	21-Dec-06	22-Dec-06	6121605	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.90	1	"	"	"	"	"
7440-39-3	Barium	59.4		mg/kg dry	0.633	1	"	"	"	"	"
7440-43-9	Cadmium	0.526		mg/kg dry	0.317	1	"	"	"	"	"
7440-47-3	Chromium	15.4		mg/kg dry	0.633	1	"	"	"	"	"
7439-92-1	Lead	9.88		mg/kg dry	0.950	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.90	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Dec-06	20-Dec-06	6121655	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	22-Dec-06	6121721	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0112		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	0.00040	1	SW846 1312/7470A	"	22-Dec-06	6121722	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	22-Dec-06	6121721	JLC
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	77.9		%		1	SM2540 G Mod.	20-Dec-06	20-Dec-06	6121628	EW

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-9 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Dec-06	21-Dec-06	6121698	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	7.0	1	SW 846 8260B	22-Dec-06	23-Dec-06	6121824	MF
67-64-1	Acetone	BRL		µg/kg dry	140	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	14.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	69.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	34.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	14.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	14.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	69.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	69.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	69.8	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-9 2'-4' SA55812-09	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	7.0	1	SW 846 8260B	22-Dec-06	23-Dec-06	6121824	MF
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	14.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	69.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	69.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	140	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.6*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*113*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B								21-Dec-06	22-Dec-06	6121673	JD
8006-61-9	Gasoline	BRL		mg/kg dry	21.8	1	+CT ETPH	"	"	"	"
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	21.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	21.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	21.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	21.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	21.8	1	"	"	"	"	"
	Unidentified	27.5		mg/kg dry	21.8	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	21.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	27.5		mg/kg dry	21.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	27.5		mg/kg dry	21.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*60.8*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-9 2'-4' SA55812-09	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.27	1	SW846 8081A	21-Dec-06	24-Dec-06	6121676	MP
319-84-6	a-BHC	BRL		µg/kg dry	6.27	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.27	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.27	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.27	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	6.27	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	31.3	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.27	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.27	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.27	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.27	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.27	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.27	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.27	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.27	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.27	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.27	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.27	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	6.27	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	31.3	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.27	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.27	1	"	"	"	"	"
urrogate recoveries:											
0386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50.5*		*30-150 %*			"	"	"	"	"
51-24-3	*Decachlorobiphenyl (Sr)*	*69.9*		*30-150 %*			"	"	"	"	"
olychlorinated Biphenyls by SW846 8082											
epared by method SW846 3550B											
674-11-2	PCB 1016	BRL		µg/kg dry	12.5	1	SW846 8082	21-Dec-06	22-Dec-06	6121675	SM
04-28-2	PCB 1221	BRL		µg/kg dry	12.5	1	"	"	"	"	"
41-16-5	PCB 1232	BRL		µg/kg dry	12.5	1	"	"	"	"	"
69-21-9	PCB 1242	BRL		µg/kg dry	12.5	1	"	"	"	"	"
72-29-6	PCB 1248	BRL		µg/kg dry	12.5	1	"	"	"	"	"
97-69-1	PCB 1254	BRL		µg/kg dry	12.5	1	"	"	"	"	"
96-82-5	PCB 1260	BRL		µg/kg dry	12.5	1	"	"	"	"	"
4-23-5	PCB 1262	BRL		µg/kg dry	12.5	1	"	"	"	"	"
0-14-4	PCB 1268	BRL		µg/kg dry	12.5	1	"	"	"	"	"
ogate recoveries:											
6-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40.1*		*30-150 %*			"	"	"	"	"
24-3	*Decachlorobiphenyl (Sr)*	*65.1*		*30-150 %*			"	"	"	"	"
volatile Organic Compounds by GCMS											
volatile Organic Compounds by SW846 8270C											
ared by method SW846 3550B											
9	Acenaphthene	BRL		µg/kg dry	541	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	MI
-8	Acenaphthylene	BRL		µg/kg dry	541	1	"	"	"	"	"
	Aniline	BRL		µg/kg dry	541	1	"	"	"	"	"
7	Anthracene	BRL		µg/kg dry	541	1	"	"	"	"	"
-9	Atrazine	BRL		µg/kg dry	541	1	"	"	"	"	"
3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	541	1	"	"	"	"	"
	Benzidine	BRL		µg/kg dry	541	1	"	"	"	"	"

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-9 2'-4' SA55812-09	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	541	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	541	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	541	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	541	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	541	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	541	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	541	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	541	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	541	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	541	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	541	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	541	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	541	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	541	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	541	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	541	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	541	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	541	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	541	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	541	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	541	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	541	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	541	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	541	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	541	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	270	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	541	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	541	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	541	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	541	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	541	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	541	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	541	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	541	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	541	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	541	1	"	"	"	"	"
206-44-0	Fluoranthene	604		µg/kg dry	541	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	541	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	541	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	541	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	541	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	541	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	541	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	541	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	541	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	541	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	541	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	541	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	541	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	541	1	"	"	"	"	"

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-9 2'-4' SA55812-09	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	541	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2160	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	541	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	541	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2160	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	541	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	541	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	541	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	541	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	541	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	541	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	541	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	541	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	541	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	541	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	541	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67.9*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*67.2*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*72.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56.0*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*76.4*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*50.0*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.337		mg/kg dry	0.0354	1	SW846 7471A	21-Dec-06	22-Dec-06	6121606	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	5.59	1	EPA 200.7	21-Dec-06	22-Dec-06	6121605	LR
7440-38-2	Arsenic	6.52		mg/kg dry	1.77	1	"	"	"	"	"
7440-39-3	Barium	129		mg/kg dry	0.589	1	"	"	"	"	"
7440-43-9	Cadmium	0.695		mg/kg dry	0.294	1	"	"	"	"	"
7440-47-3	Chromium	10.4		mg/kg dry	0.589	1	"	"	"	"	"
7439-92-1	Lead	589		mg/kg dry	0.883	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.77	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Dec-06	20-Dec-06	6121655	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	22-Dec-06	6121721	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0124		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	0.00040	1	SW846 1312/7470A	"	22-Dec-06	6121722	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	22-Dec-06	6121721	JLC
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	83.4		%		1	SM2540 G Mod.	21-Dec-06	21-Dec-06	6121694	EW

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-10 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Dec-06	21-Dec-06	6121698	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	7.4	1	SW 846 8260B	22-Dec-06	23-Dec-06	6121824	MF
67-64-1	Acetone	BRL		µg/kg dry	148	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	14.8	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	74.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	37.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	14.8	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	14.8	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.8	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.8	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	74.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	74.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	74.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-10 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	7.4	1	SW 846 8260B	22-Dec-06	23-Dec-06	6121824	MF
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	14.8	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	74.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	74.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	148	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*113*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	20.2	1	+CT ETPH	21-Dec-06	22-Dec-06	6121674	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	20.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	20.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	20.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	20.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	20.2	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	20.2	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	20.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	20.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	20.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*57.3*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-10 2'-4' SA55812-10	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.44	1	SW846 8081A	21-Dec-06	24-Dec-06	6121676	MP
319-84-6	a-BHC	BRL		µg/kg dry	6.44	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.44	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.44	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.44	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.2	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.44	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.44	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.44	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.44	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.44	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.44	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.44	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.44	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.44	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.44	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.44	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.44	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.2	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.44	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.44	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.44	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*54.2*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*86.8*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.9	1	SW846 8082	21-Dec-06	22-Dec-06	6121675	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	12.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.9	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.9	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*49.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*64.9*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	501	1	SW846 8270C	21-Dec-06	21-Dec-06	6121680	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	501	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	501	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	501	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	501	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	501	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	501	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-10 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	501	1	SW846 8270C	21-Dec-06	21-Dec-06	6121680	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	501	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	501	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	501	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	501	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	501	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	501	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	501	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	501	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	501	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	501	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	501	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	501	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	501	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	501	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	501	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	501	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	501	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	501	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	250	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	501	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	501	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	501	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	501	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	501	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	501	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	501	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	501	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	501	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	501	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	501	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	501	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	501	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	501	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	501	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	501	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	501	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-10 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	501	1	SW846 8270C	21-Dec-06	21-Dec-06	6121680	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2000	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2000	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	501	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	501	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	501	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	501	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	501	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	501	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	501	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*69.2*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*74.3*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*57.5*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*61.9*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*77.3*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*52.8*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0444		mg/kg dry	0.0371	1	SW846 7471A	21-Dec-06	22-Dec-06	6121606	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	5.78	1	EPA 200.7	21-Dec-06	22-Dec-06	6121605	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.82	1	"	"	"	"	"
7440-39-3	Barium	53.5		mg/kg dry	0.608	1	"	"	"	"	"
7440-43-9	Cadmium	0.511		mg/kg dry	0.304	1	"	"	"	"	"
7440-47-3	Chromium	14.9		mg/kg dry	0.608	1	"	"	"	"	"
7439-92-1	Lead	13.3		mg/kg dry	0.912	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.82	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Dec-06	20-Dec-06	6121655	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	22-Dec-06	6121721	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0174		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	0.00040	1	SW846 1312/7470A	"	22-Dec-06	6121722	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	22-Dec-06	6121721	JLC
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	80.4		%		1	SM2540 G Mod.	21-Dec-06	21-Dec-06	6121694	EW

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-11 4'-8' SA55657-03	171-305	Soil	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	15-Dec-06	15-Dec-06	6121249	YM
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	8.5	1	SW 846 8260B	21-Dec-06	21-Dec-06	6121743	mf
67-64-1	Acetone	BRL		µg/kg dry	170	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	17.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	85.1	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	42.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	17.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	17.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	17.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	17.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	85.1	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	85.1	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	85.1	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-11 4'-8' SA55657-03	171-305	Soil	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	8.5	1	SW 846 8260B	21-Dec-06	21-Dec-06	6121743	mf
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	17.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	85.1	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	85.1	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	170	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*113*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	40.2	1	+CT ETPH	20-Dec-06	21-Dec-06	6121534	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	40.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	40.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	40.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	40.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	40.2	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	40.2	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	40.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	40.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	40.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*83.3*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-11 4'-8'	171-305	Soil	14-Dec-06 00:00	15-Dec-06
SA55657-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.80	1	SW846 8081A	19-Dec-06	20-Dec-06	6121443	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.80	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.80	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.80	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.80	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	34.0	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.80	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.80	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.80	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.80	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.80	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.80	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.80	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.80	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.80	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.80	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.80	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.80	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	34.0	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.80	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.80	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.80	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*56.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*112*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.6	1	SW846 8082	20-Dec-06	21-Dec-06	6121532	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	13.6	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.6	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.6	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.6	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.6	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	13.6	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.6	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.6	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80.1*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	238	1	SW846 8270C	19-Dec-06	20-Dec-06	6121441	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	238	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	238	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	238	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	238	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	238	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	238	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-11 4'-8'	171-305	Soil	14-Dec-06 00:00	15-Dec-06
SA55657-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	238	1	SW846 8270C	19-Dec-06	20-Dec-06	6121441	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	238	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	238	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	238	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	238	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	238	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	238	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	238	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	238	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	238	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	238	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	238	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	238	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	238	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	238	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	238	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	238	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	238	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	238	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	238	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	238	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	238	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	238	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	238	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	238	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	238	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	238	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	238	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	238	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	238	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	238	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	238	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	238	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	238	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	238	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	238	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	238	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	238	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	238	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	238	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	238	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	238	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	238	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	238	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	238	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	238	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	238	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	238	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	238	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	238	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-11 4'-8'	171-305	Soil	14-Dec-06 00:00	15-Dec-06
SA55657-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	238	1	SW846 8270C	19-Dec-06	20-Dec-06	6121441	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	952	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	238	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	238	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	952	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	238	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	238	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	238	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	238	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	238	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	238	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	238	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	238	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	238	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	238	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	238	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*70.8*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*65.8*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*56.7*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*48.3*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*77.1*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*79.2*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0396	1	SW846 7471A	21-Dec-06	22-Dec-06	6121392	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.26	1	EPA 200.7	21-Dec-06	22-Dec-06	6121391	RM
7440-38-2	Arsenic	BRL		mg/kg dry	1.89	1	"	"	"	"	"
7440-39-3	Barium	62.1		mg/kg dry	0.631	1	"	"	"	"	"
7440-43-9	Cadmium	0.473		mg/kg dry	0.315	1	"	"	"	"	"
7440-47-3	Chromium	14.4		mg/kg dry	0.631	1	"	"	"	"	"
7439-92-1	Lead	3.60		mg/kg dry	0.946	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.89	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	19-Dec-06	19-Dec-06	6121522	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	21-Dec-06	6121576	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	BRL		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	0.00040	1	SW846 1312/7470A	"	21-Dec-06	6121577	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	21-Dec-06	6121576	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	74.4		%		1	SM2540 G Mod.	20-Dec-06	20-Dec-06	6121563	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-12 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Dec-06	21-Dec-06	6121698	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	7.8	1	SW 846 8260B	26-Dec-06	26-Dec-06	6121925	MF
67-64-1	Acetone	BRL		µg/kg dry	156	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.8	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.8	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	77.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	38.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.6	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.8	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.6	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.6	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.8	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.6	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	77.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	77.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	77.9	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-12 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	7.8	1	SW 846 8260B	26-Dec-06	26-Dec-06	6121925	MF
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.8	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.8	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.6	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	77.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	77.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	156	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.2*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*107*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	21.1	1	+CT ETPH	21-Dec-06	22-Dec-06	6121674	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	21.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	21.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	21.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	21.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	21.1	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	21.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	21.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	21.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	21.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*60.2*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-12 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.50	1	SW846 8081A	21-Dec-06	24-Dec-06	6121676	MP
319-84-6	a-BHC	BRL		µg/kg dry	6.50	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.50	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.50	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.50	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.5	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.50	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.50	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.50	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.50	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.50	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.50	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.50	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.50	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.50	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.50	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.50	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.50	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.5	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.50	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.50	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.50	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45.5*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*49.7*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.0	1	SW846 8082	21-Dec-06	22-Dec-06	6121675	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	13.0	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.0	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.0	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.0	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.0	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	13.0	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.0	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*44.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*69.9*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	524	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	524	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	524	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	524	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	524	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	524	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	524	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-12 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	524	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	524	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	524	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	524	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	524	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	524	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	524	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	524	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	524	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	524	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	524	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	524	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	524	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	524	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	524	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	524	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	524	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	524	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	524	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	524	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	524	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	524	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	524	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	524	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	524	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	262	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	524	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	524	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	524	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	524	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	524	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	524	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	524	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	524	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	524	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	524	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	524	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	524	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	524	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	524	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	524	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	524	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	524	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	524	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	524	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	524	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	524	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	524	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	524	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	524	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-12 2'-4'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	524	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2090	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	524	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	524	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2090	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	524	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	524	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	524	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	524	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	524	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	524	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	524	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	524	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	524	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	524	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	524	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*66.0*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*66.4*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*59.5*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*54.4*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*74.3*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*51.2*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0372	1	SW846 7471A	21-Dec-06	22-Dec-06	6121606	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	5.40	1	EPA 200.7	21-Dec-06	22-Dec-06	6121605	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.71	1	"	"	"	"	"
7440-39-3	Barium	32.9		mg/kg dry	0.569	1	"	"	"	"	"
7440-43-9	Cadmium	0.290		mg/kg dry	0.284	1	"	"	"	"	"
7440-47-3	Chromium	11.4		mg/kg dry	0.569	1	"	"	"	"	"
7439-92-1	Lead	5.08		mg/kg dry	0.853	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.71	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Dec-06	20-Dec-06	6121655	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	22-Dec-06	6121721	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	BRL		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	0.00040	1	SW846 1312/7470A	"	22-Dec-06	6121722	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	22-Dec-06	6121721	JLC
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	79.4		%		1	SM2540 G Mod.	21-Dec-06	21-Dec-06	6121694	EW

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-13 4'-8' SA55812-12	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Dec-06	21-Dec-06	6121698	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	8.0	1	SW 846 8260B	22-Dec-06	23-Dec-06	6121824	MF
67-64-1	Acetone	BRL		µg/kg dry	160	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	16.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	80.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	40.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	16.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	16.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	16.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	16.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	80.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	80.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	80.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-13 4'-8'	171-305	Soil	15-Dec-06 00:00	18-Dec-06
SA55812-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	8.0	1	SW 846 8260B	22-Dec-06	23-Dec-06	6121824	MF
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	16.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	80.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	80.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	160	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	20.2	1	+CT ETPH	21-Dec-06	22-Dec-06	6121674	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	20.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	20.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	20.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	20.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	20.2	1	"	"	"	"	"
	Unidentified	58.1		mg/kg dry	20.2	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	20.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	58.1		mg/kg dry	20.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	58.1		mg/kg dry	20.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*81.4*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-13 4'-8' SA55812-12	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.53	1	SW846 8081A	21-Dec-06	24-Dec-06	6121676	MP
319-84-6	a-BHC	BRL		µg/kg dry	6.53	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.53	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.53	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.53	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.7	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.53	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.53	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.53	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.53	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.53	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.53	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.53	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.53	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.53	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.53	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.53	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.53	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.53	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.53	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.53	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*53.6*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*62.9*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.1	1	SW846 8082	21-Dec-06	22-Dec-06	6121744	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	13.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.1	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	13.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*49.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*59.8*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	501	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	501	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	501	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	501	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	501	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	501	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	501	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-13 4'-8' SA55812-12	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	501	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	501	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	501	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	501	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	501	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	501	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	501	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	501	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	501	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	501	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	501	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	501	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	501	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	501	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	501	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	501	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	501	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	501	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	501	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	250	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	501	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	501	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	501	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	501	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	501	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	501	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	501	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	501	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	501	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	501	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	501	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	501	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	501	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	501	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	501	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	501	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	501	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	501	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-13 4'-8' SA55812-12	171-305	Soil	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	501	1	SW846 8270C	21-Dec-06	22-Dec-06	6121680	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2000	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2000	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	501	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	501	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	501	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	501	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	501	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	501	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	501	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	501	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	501	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*70.2*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*87.0*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*60.3*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*74.9*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*76.1*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*57.9*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0377	1	SW846 7471A	21-Dec-06	22-Dec-06	6121606	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	5.76	1	EPA 200.7	21-Dec-06	22-Dec-06	6121605	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.82	1	"	"	"	"	"
7440-39-3	Barium	41.9		mg/kg dry	0.607	1	"	"	"	"	"
7440-43-9	Cadmium	0.461		mg/kg dry	0.303	1	"	"	"	"	"
7440-47-3	Chromium	13.4		mg/kg dry	0.607	1	"	"	"	"	"
7439-92-1	Lead	13.8		mg/kg dry	0.910	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.82	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Dec-06	20-Dec-06	6121655	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	22-Dec-06	6121721	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0158		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	0.00040	1	SW846 1312/7470A	"	22-Dec-06	6121722	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	22-Dec-06	6121721	JLC
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	78.5		%		1	SM2540 G Mod.	21-Dec-06	21-Dec-06	6121694	EW

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-14 2'-4'	171-305	Soil	14-Dec-06 00:00	15-Dec-06
SA55657-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	15-Dec-06	15-Dec-06	6121249	YM
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	7.5	1	SW 846 8260B	21-Dec-06	21-Dec-06	6121743	mf
67-64-1	Acetone	BRL		µg/kg dry	151	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
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	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.1	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	75.5	1	"	"	"	"	"
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	37.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.1	1	"	"	"	"	"
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	15.1	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
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	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.1	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
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	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	75.5	1	"	"	"	"	"
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	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	75.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	75.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-14 2'-4'	171-305	Soil	14-Dec-06 00:00	15-Dec-06
SA55657-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	7.5	1	SW 846 8260B	21-Dec-06	21-Dec-06	6121743	mf
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
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	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
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	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.1	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	75.5	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	75.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	151	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	37.5	1	+CT ETPH	20-Dec-06	21-Dec-06	6121534	JD
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	BRL		mg/kg dry	37.5	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	37.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	37.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	37.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*71.3*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-14 2'-4'	171-305	Soil	14-Dec-06 00:00	15-Dec-06
SA55657-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.53	1	SW846 8081A	21-Dec-06	21-Dec-06	6121676	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.53	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.53	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.53	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.53	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.7	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.53	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.53	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.53	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.53	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.53	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.53	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.53	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.53	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.53	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.53	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.53	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.53	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.53	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.53	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.53	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*58.2*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*86.9*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.1	1	SW846 8082	20-Dec-06	21-Dec-06	6121532	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	13.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.1	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	13.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45.2*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*85.4*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	276	1	SW846 8270C	19-Dec-06	20-Dec-06	6121441	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	276	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	276	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	276	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	276	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	276	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	276	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-14 2'-4'	171-305	Soil	14-Dec-06 00:00	15-Dec-06
SA55657-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	276	1	SW846 8270C	19-Dec-06	20-Dec-06	6121441	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	276	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	276	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	276	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	276	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	276	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	276	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	276	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	276	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	276	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	276	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	276	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	276	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	276	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	276	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	276	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	276	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	276	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	276	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	276	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	276	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	276	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	276	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	276	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	276	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	276	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	276	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	276	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	276	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	276	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	276	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	276	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	276	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	276	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	276	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	276	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	276	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	276	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	276	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	276	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	276	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	276	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	276	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	276	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	276	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	276	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	276	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	276	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	276	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	276	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-14 2'-4' SA55657-04	171-305	Soil	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	276	1	SW846 8270C	19-Dec-06	20-Dec-06	6121441	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1110	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	276	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	276	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1110	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	276	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	276	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	276	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	276	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	276	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	276	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	276	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	276	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	276	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	276	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	276	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68.8*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*59.5*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*49.5*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*40.9*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*91.8*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*76.3*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.408		mg/kg dry	0.0382	1	SW846 7471A	21-Dec-06	22-Dec-06	6121392	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.20	1	EPA 200.7	21-Dec-06	22-Dec-06	6121391	RM
7440-38-2	Arsenic	5.55		mg/kg dry	1.79	1	"	"	"	"	"
7440-39-3	Barium	75.0		mg/kg dry	0.598	1	"	"	"	"	"
7440-43-9	Cadmium	0.670		mg/kg dry	0.299	1	"	"	"	"	"
7440-47-3	Chromium	15.0		mg/kg dry	0.598	1	"	"	"	"	"
7439-92-1	Lead	48.1		mg/kg dry	0.897	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.79	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	19-Dec-06	19-Dec-06	6121522	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	21-Dec-06	6121576	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
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	0.00040	1	SW846 1312/7470A	"	21-Dec-06	6121577	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	21-Dec-06	6121576	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	78.4		%		1	SM2540 G Mod.	20-Dec-06	20-Dec-06	6121563	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-15 4'-8' SA55657-05	171-305	Soil	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	15-Dec-06	15-Dec-06	6121249	YM
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	8.4	1	SW 846 8260B	21-Dec-06	21-Dec-06	6121743	mf
67-64-1	Acetone	BRL		µg/kg dry	168	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	16.8	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	84.1	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	42.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	16.8	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	16.8	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	16.8	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	16.8	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	84.1	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	84.1	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	84.1	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-15 4'-8' SA55657-05	171-305	Soil	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	8.4	1	SW 846 8260B	21-Dec-06	21-Dec-06	6121743	mf
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	16.8	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	84.1	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.4	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.4	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.4	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	84.1	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	168	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	36.5	1	+CT ETPH	20-Dec-06	21-Dec-06	6121534	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	36.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	36.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	36.5	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	36.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	36.5	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	36.5	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	36.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	36.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	36.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*75.5*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-15 4'-8'	171-305	Soil	14-Dec-06 00:00	15-Dec-06
SA55657-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.87	1	SW846 8081A	21-Dec-06	21-Dec-06	6121676	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.87	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.87	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.87	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.87	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	34.3	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.87	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.87	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.87	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.87	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.87	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.87	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.87	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.87	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.87	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.87	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.87	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.87	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	34.3	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.87	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.87	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.87	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*72.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*98.5*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.7	1	SW846 8082	20-Dec-06	21-Dec-06	6121532	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	13.7	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.7	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.7	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.7	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.7	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	13.7	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.7	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*94.9*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	257	1	SW846 8270C	19-Dec-06	20-Dec-06	6121441	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	257	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	257	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	257	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	257	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	257	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	257	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-15 4'-8' SA55657-05	171-305	Soil	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	257	1	SW846 8270C	19-Dec-06	20-Dec-06	6121441	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	257	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	257	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	257	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	257	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	257	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	257	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	257	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	257	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	257	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	257	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	257	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	257	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	257	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	257	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	257	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	257	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	257	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	257	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	257	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	257	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	257	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	257	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	257	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	257	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	257	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	257	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	257	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	257	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	257	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	257	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	257	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	257	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	257	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	257	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	257	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	257	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	257	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	257	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	257	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	257	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	257	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	257	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	257	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	257	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	257	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	257	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	257	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	257	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	257	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-15 4'-8'	171-305	Soil	14-Dec-06 00:00	15-Dec-06
SA55657-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	257	1	SW846 8270C	19-Dec-06	20-Dec-06	6121441	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1030	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	257	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	257	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1030	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	257	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	257	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	257	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	257	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	257	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	257	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	257	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	257	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	257	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	257	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	257	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*76.5*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*60.0*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*60.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*51.2*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*109*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*83.1*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0392	1	SW846 7471A	21-Dec-06	22-Dec-06	6121392	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.28	1	EPA 200.7	21-Dec-06	22-Dec-06	6121391	RM
7440-38-2	Arsenic	BRL		mg/kg dry	1.91	1	"	"	"	"	"
7440-39-3	Barium	85.1		mg/kg dry	0.638	1	"	"	"	"	"
7440-43-9	Cadmium	0.599		mg/kg dry	0.319	1	"	"	"	"	"
7440-47-3	Chromium	17.1		mg/kg dry	0.638	1	"	"	"	"	"
7439-92-1	Lead	5.26		mg/kg dry	0.956	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.91	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	19-Dec-06	19-Dec-06	6121522	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	21-Dec-06	6121576	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0206		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	0.00040	1	SW846 1312/7470A	"	21-Dec-06	6121577	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	21-Dec-06	6121576	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	75.2		%		1	SM2540 G Mod.	20-Dec-06	20-Dec-06	6121563	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-16 2'-4' SA55657-06	171-305	Soil	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	15-Dec-06	15-Dec-06	6121249	YM
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	6.9	1	SW 846 8260B	21-Dec-06	21-Dec-06	6121743	mf
67-64-1	Acetone	BRL		µg/kg dry	137	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.9	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.9	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	68.5	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	34.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.9	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.9	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	68.5	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	68.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	68.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-16 2'-4' SA55657-06	171-305	Soil	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	6.9	1	SW 846 8260B	21-Dec-06	21-Dec-06	6121743	mf
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.9	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	68.5	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	68.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	137	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97.2*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	104	2	+CT ETPH	20-Dec-06	21-Dec-06	6121534	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	104	2	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	104	2	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	104	2	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	104	2	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	104	2	"	"	"	"	"
	Unidentified	3,230		mg/kg dry	104	2	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	104	2	"	"	"	"	"
	Total Petroleum Hydrocarbons	3,230		mg/kg dry	104	2	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	3,230		mg/kg dry	104	2	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*1480*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-16 2'-4' SA55657-06	171-305	Soil	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	11.7	1	SW846 8081A	21-Dec-06	22-Dec-06	6121676	TG
319-84-6	a-BHC	BRL		µg/kg dry	11.7	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	11.7	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	11.7	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	11.7	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	58.7	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	11.7	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	11.7	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	11.7	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	11.7	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	11.7	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	11.7	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	11.7	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	11.7	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	11.7	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	11.7	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	11.7	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	58.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	11.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*59.6*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*69.8*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	23.5	1	SW846 8082	20-Dec-06	21-Dec-06	6121532	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	23.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	23.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	23.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	23.5	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	23.5	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	23.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	23.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	23.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	1260	20	SW846 8270C	19-Dec-06	20-Dec-06	6121441	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	1260	20	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	1260	20	"	"	"	"	"
120-12-7	Anthracene	2,330		µg/kg dry	1260	20	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	1260	20	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1260	20	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1260	20	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-16 2'-4' SA55657-06	171-305	Soil	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
56-55-3	Benzo (a) anthracene	2,000		µg/kg dry	1260	20	SW846 8270C	19-Dec-06	20-Dec-06	6121441	M.B
50-32-8	Benzo (a) pyrene	1,670		µg/kg dry	1260	20	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	1,950		µg/kg dry	1260	20	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1260	20	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	1,550		µg/kg dry	1260	20	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1260	20	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1260	20	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1260	20	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1260	20	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1260	20	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1260	20	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1260	20	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1260	20	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	1260	20	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1260	20	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1260	20	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1260	20	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1260	20	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1260	20	"	"	"	"	"
218-01-9	Chrysene	2,770		µg/kg dry	1260	20	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1260	20	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1260	20	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1260	20	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1260	20	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1260	20	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	1260	20	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1260	20	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1260	20	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1260	20	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1260	20	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1260	20	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1260	20	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1260	20	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1260	20	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1260	20	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1260	20	"	"	"	"	"
206-44-0	Fluoranthene	4,870		µg/kg dry	1260	20	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1260	20	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1260	20	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1260	20	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1260	20	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1260	20	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1260	20	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1260	20	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1260	20	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1260	20	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	1260	20	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	1260	20	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1260	20	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1260	20	"	"	"	"	"

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
PS-16 2'-4' SA55657-06	171-305	Soil	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1260	20	SW846 8270C	19-Dec-06	20-Dec-06	6121441	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	5020	20	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	1260	20	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1260	20	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	5020	20	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1260	20	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1260	20	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1260	20	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1260	20	"	"	"	"	"
85-01-8	Phenanthrene	5,610		µg/kg dry	1260	20	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	1260	20	"	"	"	"	"
129-00-0	Pyrene	7,110		µg/kg dry	1260	20	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	1260	20	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1260	20	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1260	20	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1260	20	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*33.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*33.3*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*36.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*54.1*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*45.3*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*29.2*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.204		mg/kg dry	0.0344	1	SW846 7471A	21-Dec-06	22-Dec-06	6121392	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.06	1	EPA 200.7	21-Dec-06	22-Dec-06	6121391	RM
7440-38-2	Arsenic	20.5		mg/kg dry	1.59	1	"	"	"	"	"
7440-39-3	Barium	60.6		mg/kg dry	0.528	1	"	"	"	"	"
7440-43-9	Cadmium	0.661		mg/kg dry	0.264	1	"	"	"	"	"
7440-47-3	Chromium	10.9		mg/kg dry	0.528	1	"	"	"	"	"
7439-92-1	Lead	205		mg/kg dry	0.793	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.59	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	19-Dec-06	19-Dec-06	6121522	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	21-Dec-06	21-Dec-06	6121576	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0142		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	0.00040	1	SW846 1312/7470A	"	21-Dec-06	6121577	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	21-Dec-06	6121576	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	84.8		%		1	SM2540 G Mod.	20-Dec-06	20-Dec-06	6121563	BD

APPENDIX D
Groundwater Sample Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-1 GW	171-305	Ground Water	15-Dec-06 00:00	18-Dec-06
SA55812-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/l	5.0	5	SW846 8260B	20-Dec-06	22-Dec-06	6121754	mar
67-64-1	Acetone	BRL		µg/l	100	5	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	2.5	5	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	5.0	5	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	5.0	5	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	2.5	5	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	5.0	5	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	10.0	5	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	50.0	5	"	"	"	"	"
104-51-8	n-Butylbenzene	106		µg/l	5.0	5	"	"	"	"	"
135-98-8	sec-Butylbenzene	83.8		µg/l	5.0	5	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	25.0	5	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	5.0	5	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	10.0	5	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	5.0	5	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	10.0	5	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	5.0	5	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	5.0	5	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	10.0	5	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	2.5	5	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	2.5	5	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	5.0	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	10.0	5	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	24.5		µg/l	5.0	5	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	5.0	5	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	2.5	5	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	2.5	5	"	"	"	"	"
100-41-4	Ethylbenzene	100		µg/l	5.0	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	2.5	5	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	50.0	5	"	"	"	"	"
98-82-8	Isopropylbenzene	24.8		µg/l	5.0	5	"	"	"	"	"
99-87-6	4-Isopropyltoluene	47.5		µg/l	5.0	5	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	50.0	5	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	25.0	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	5.0	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-1 GW	171-305	Ground Water	15-Dec-06 00:00	18-Dec-06
SA55812-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	18.9		µg/l	5.0	5	SW846 8260B	20-Dec-06	22-Dec-06	6121754	mar
100-42-5	Styrene	BRL		µg/l	5.0	5	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	2.5	5	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	5.0	5	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	5.0	5	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	8.2		µg/l	5.0	5	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	120		µg/l	5.0	5	"	"	"	"	"
75-01-4	Vinyl chloride	6.6		µg/l	5.0	5	"	"	"	"	"
1330-20-7	m,p-Xylene	848		µg/l	10.0	5	"	"	"	"	"
95-47-6	o-Xylene	39.2		µg/l	5.0	5	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	50.0	5	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	50.0	5	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	100	5	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*111*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*111*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
TPH 8100 by GC											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	1.5	5	+SW846 8100Mod.	21-Dec-06	22-Dec-06	6121666	JD
68476-30-2	Fuel Oil #2	174		mg/l	1.5	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	1.5	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	1.5	5	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	1.5	5	"	"	"	"	"
8032-32-4	Ligroin	BRL		mg/l	1.5	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	1.5	5	"	"	"	"	"
	Unidentified	BRL		mg/l	1.5	5	"	"	"	"	"
	Other Oil	BRL		mg/l	1.5	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	174		mg/l	1.5	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*3340*	S02	*40-140 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-9 GW SA55812-14	171-305	Ground Water	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/l	1.0	1	SW846 8260B	20-Dec-06	20-Dec-06	6121560	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
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	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
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	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
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	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	2.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-9 GW SA55812-14	171-305	Ground Water	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	20-Dec-06	20-Dec-06	6121560	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.4*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*93.8*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-Dec-06	22-Dec-06	6121666	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*81.0*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.013	1	SW846 8081A	21-Dec-06	22-Dec-06	6121669	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-9 GW	171-305	Ground Water	15-Dec-06 00:00	18-Dec-06
SA55812-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
319-84-6	a-BHC	BRL		µg/l	0.013	1	SW846 8081A	21-Dec-06	22-Dec-06	6121669	TG
319-85-7	b-BHC	BRL		µg/l	0.013	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/l	0.013	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.013	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.067	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/l	0.013	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/l	0.013	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/l	0.013	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.013	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.013	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.013	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.013	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.013	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.013	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.013	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.013	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.013	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.067	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.013	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.013	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.013	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*41.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*46.8*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0267	1	SW846 8082	21-Dec-06	23-Dec-06	6121668	SM/
11104-28-2	PCB 1221	BRL		µg/l	0.0267	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0267	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0267	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0267	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0267	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0267	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0267	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0267	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*59.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*70.0*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	12.5	1	SW846 8270C	21-Dec-06	25-Dec-06	6121671	M.B
208-96-8	Acenaphthylene	BRL		µg/l	12.5	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	12.5	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	12.5	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	12.5	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	12.5	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	12.5	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	12.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-9 GW	171-305	Ground Water	15-Dec-06 00:00	18-Dec-06
SA55812-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
50-32-8	Benzo (a) pyrene	BRL		µg/l	12.5	1	SW846 8270C	21-Dec-06	25-Dec-06	6121671	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	12.5	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	12.5	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	12.5	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	12.5	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	12.5	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	12.5	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	12.5	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	12.5	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	12.5	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	12.5	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	12.5	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	12.5	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	12.5	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	12.5	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	12.5	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	12.5	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	12.5	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	12.5	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	12.5	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	12.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	12.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	12.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	12.5	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	12.5	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	12.5	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	12.5	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	12.5	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	12.5	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	12.5	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	12.5	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	12.5	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	12.5	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	12.5	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	12.5	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	12.5	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	12.5	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	12.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	12.5	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	12.5	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	12.5	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	12.5	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	12.5	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	12.5	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	12.5	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	25.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	12.5	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	12.5	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	12.5	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	50.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-9 GW	171-305	Ground Water	15-Dec-06 00:00	18-Dec-06
SA55812-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
98-95-3	Nitrobenzene	BRL		µg/l	12.5	1	SW846 8270C	21-Dec-06	25-Dec-06	6121671	M.B
88-75-5	2-Nitrophenol	BRL		µg/l	12.5	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	50.0	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	12.5	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	12.5	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	12.5	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	50.0	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	12.5	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	12.5	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	12.5	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	12.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	12.5	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	12.5	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	12.5	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	12.5	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*77.0*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*83.2*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*76.6*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*73.3*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*75.8*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*55.0*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	0.350		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	23-Dec-06	"	"
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	0.400		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	0.925		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	0.650		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	0.350		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	0.500		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	0.625		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	1.52		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	0.250		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	0.350		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	1.68		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	1.72		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67.0*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*76.3*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	20-Dec-06	22-Dec-06	6121610	RM
7440-38-2	Arsenic	0.0100		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.406		mg/l	0.0050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PS-9 GW SA55812-14	171-305	Ground Water	15-Dec-06 00:00	18-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	SW846 6010B	20-Dec-06	22-Dec-06	6121610	RM
7440-47-3	Chromium	0.0179		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	1.28		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	0.00076		mg/l	0.00020	1	EPA 245.1/7470A	20-Dec-06	21-Dec-06	6121611	YP

APPENDIX E
QA/QC Sample
Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA55657-07	171-305	Blank Water	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/l	1.0	1	SW846 8260B	17-Dec-06	18-Dec-06	6121293	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
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	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
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	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
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	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA55657-07	171-305	Blank Water	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	17-Dec-06	18-Dec-06	6121293	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.6*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*96.8*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*92.6*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	19-Dec-06	20-Dec-06	6121434	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*82.2*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.012	1	SW846 8081A	18-Dec-06	19-Dec-06	6121300	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA55657-07	171-305	Blank Water	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
319-84-6	a-BHC	BRL		µg/l	0.012	1	SW846 8081A	18-Dec-06	19-Dec-06	6121300	TG
319-85-7	b-BHC	BRL		µg/l	0.012	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/l	0.012	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.012	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.059	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/l	0.012	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/l	0.012	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/l	0.012	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.002	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.012	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.012	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.012	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.012	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.012	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.012	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.012	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.012	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.059	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.012	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.012	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.012	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0235	1	SW846 8082	18-Dec-06	20-Dec-06	6121299	SM
11104-28-2	PCB 1221	BRL		µg/l	0.0235	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0235	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0235	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0235	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0235	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0235	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0235	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0235	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*74.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95.3*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	11.8	1	SW846 8270C	18-Dec-06	21-Dec-06	6121294	M.B
208-96-8	Acenaphthylene	BRL		µg/l	11.8	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	11.8	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	11.8	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	11.8	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	11.8	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	11.8	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	11.8	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA55657-07	171-305	Blank Water	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
50-32-8	Benzo (a) pyrene	BRL		µg/l	11.8	1	SW846 8270C	18-Dec-06	21-Dec-06	6121294	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	11.8	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	11.8	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	11.8	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	11.8	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	11.8	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	11.8	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	11.8	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	11.8	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	11.8	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	11.8	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	11.8	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	11.8	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	11.8	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	11.8	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	11.8	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	11.8	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	11.8	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	11.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	11.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	11.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	11.8	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	11.8	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	11.8	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	11.8	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	11.8	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	11.8	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	11.8	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	11.8	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	11.8	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	11.8	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	11.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	11.8	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	11.8	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	11.8	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	11.8	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	11.8	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	11.8	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	11.8	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	23.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	11.8	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	11.8	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	11.8	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	47.1	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	171-305	Blank Water	14-Dec-06 00:00	15-Dec-06
SA55657-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
98-95-3	Nitrobenzene	BRL		µg/l	11.8	1	SW846 8270C	18-Dec-06	21-Dec-06	6121294	M.B
88-75-5	2-Nitrophenol	BRL		µg/l	11.8	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	47.1	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	11.8	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	11.8	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	11.8	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	47.1	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	11.8	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	11.8	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	11.8	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	11.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	11.8	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	11.8	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	11.8	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	11.8	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*74.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*81.0*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*78.1*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*73.8*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*95.8*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*46.1*		*15-110 %*			"	"	"	"	"
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	"	20-Dec-06	"	"
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	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
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*	*86.4*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*74.1*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	18-Dec-06	20-Dec-06	6121364	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA55657-07	171-305	Blank Water	14-Dec-06 00:00	15-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	SW846 6010B	18-Dec-06	20-Dec-06	6121364	LR
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	18-Dec-06	19-Dec-06	6121365	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1	171-305	Blank Water	14-Dec-06 00:00	15-Dec-06
SA55657-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/l	1.0	1	SW846 8260B	17-Dec-06	18-Dec-06	6121293	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	1.2	V11	µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
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	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
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	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	1.1	V11	µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
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	1.4	V11	µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL	V11	µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	2.4	V11	µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1 SA55657-08	171-305	Blank Water	14-Dec-06 00:00	15-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	17-Dec-06	18-Dec-06	6121293	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	6.6	V11	µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	1.3	V11	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	"	"	"	"	"
1330-20-7	m,p-Xylene	3.4	V11	µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	1.7	V11	µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.2*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*95.8*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*93.0*		*70-130 %*			"	"	"	"	"

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121293 - SW846 5030 Water MS										
Blank (6121293-BLK1)										
Prepared & Analyzed: 17-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121293 - SW846 5030 Water MS										
Blank (6121293-BLK1)										
Prepared & Analyzed: 17-Dec-06										
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						
1,1,1-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						
Surrogate: 4-Bromofluorobenzene	*48.5*		µg/l		*50.0*		*97.0*	*70-130*		
Surrogate: Toluene-d8	*50.3*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.3*		µg/l		*50.0*		*98.6*	*70-130*		
Surrogate: Dibromofluoromethane	*46.7*		µg/l		*50.0*		*93.4*	*70-130*		
LCS (6121293-BS1)										
Prepared & Analyzed: 17-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.1		µg/l		20.0		120	70-130		
Acetone	24.6		µg/l		20.0		123	29.5-156		
Acrylonitrile	25.3		µg/l		20.0		126	70-130		
Benzene	20.4		µg/l		20.0		102	70-130		
Bromobenzene	19.0		µg/l		20.0		95.0	70-130		
Bromochloromethane	18.6		µg/l		20.0		93.0	70-130		
Bromodichloromethane	18.7		µg/l		20.0		93.5	70-130		
Bromoform	14.2		µg/l		20.0		71.0	70-130		
Bromomethane	18.4		µg/l		20.0		92.0	57.7-151		
2-Butanone (MEK)	19.7		µg/l		20.0		98.5	48.9-134		
n-Butylbenzene	25.9		µg/l		20.0		130	70-130		
sec-Butylbenzene	22.5		µg/l		20.0		112	70-130		
tert-Butylbenzene	22.3		µg/l		20.0		112	70-130		
Carbon disulfide	20.7		µg/l		20.0		104	70-130		
Carbon tetrachloride	17.2		µg/l		20.0		86.0	70-130		
Chlorobenzene	20.4		µg/l		20.0		102	70-130		
Chloroethane	24.2		µg/l		20.0		121	56.9-145		
Chloroform	19.4		µg/l		20.0		97.0	70-130		
Chloromethane	26.0		µg/l		20.0		130	70-130		
2-Chlorotoluene	21.6		µg/l		20.0		108	70-130		
4-Chlorotoluene	21.8		µg/l		20.0		109	70-130		
1,2-Dibromo-3-chloropropane	17.4		µg/l		20.0		87.0	70-130		
Dibromochloromethane	15.8		µg/l		20.0		79.0	61.5-142		
1,2-Dibromoethane (EDB)	19.2		µg/l		20.0		96.0	70-130		
Dibromomethane	18.4		µg/l		20.0		92.0	70-130		
1,2-Dichlorobenzene	21.1		µg/l		20.0		106	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121293 - SW846 5030 Water MS										
LCS (6121293-BS1)										
Prepared & Analyzed: 17-Dec-06										
1,3-Dichlorobenzene	19.8		µg/l		20.0		99.0	70-130		
1,4-Dichlorobenzene	21.2		µg/l		20.0		106	70-130		
Dichlorodifluoromethane (Freon12)	20.3		µg/l		20.0		102	36.6-187		
1,1-Dichloroethane	20.2		µg/l		20.0		101	70-130		
1,2-Dichloroethane	20.0		µg/l		20.0		100	70-130		
1,1-Dichloroethene	25.2		µg/l		20.0		126	70-130		
cis-1,2-Dichloroethene	21.2		µg/l		20.0		106	70-130		
trans-1,2-Dichloroethene	20.1		µg/l		20.0		100	70-130		
1,2-Dichloropropane	20.2		µg/l		20.0		101	70-130		
1,3-Dichloropropane	19.2		µg/l		20.0		96.0	70-130		
2,2-Dichloropropane	16.1		µg/l		20.0		80.5	70-130		
1,1-Dichloropropene	19.9		µg/l		20.0		99.5	70-130		
cis-1,3-Dichloropropene	17.8		µg/l		20.0		89.0	70-130		
trans-1,3-Dichloropropene	15.2		µg/l		20.0		76.0	70-130		
Ethylbenzene	21.4		µg/l		20.0		107	70-130		
Hexachlorobutadiene	20.5		µg/l		20.0		102	68.7-142		
2-Hexanone (MBK)	19.9		µg/l		20.0		99.5	56.3-131		
Isopropylbenzene	20.8		µg/l		20.0		104	70-130		
4-Isopropyltoluene	25.0		µg/l		20.0		125	70-130		
Methyl tert-butyl ether	18.6		µg/l		20.0		93.0	70-130		
4-Methyl-2-pentanone (MIBK)	20.6		µg/l		20.0		103	55.2-129		
Methylene chloride	21.9		µg/l		20.0		110	70-130		
Naphthalene	21.2		µg/l		20.0		106	70-130		
n-Propylbenzene	21.4		µg/l		20.0		107	70-130		
Styrene	21.9		µg/l		20.0		110	70-130		
1,1,1,2-Tetrachloroethane	18.3		µg/l		20.0		91.5	70-130		
1,1,2,2-Tetrachloroethane	20.3		µg/l		20.0		102	70-130		
Tetrachloroethene	18.0		µg/l		20.0		90.0	70-130		
Toluene	19.7		µg/l		20.0		98.5	70-130		
1,2,3-Trichlorobenzene	19.8		µg/l		20.0		99.0	70-130		
1,2,4-Trichlorobenzene	19.4		µg/l		20.0		97.0	70-130		
1,1,1-Trichloroethane	18.2		µg/l		20.0		91.0	70-130		
1,1,2-Trichloroethane	20.1		µg/l		20.0		100	70-130		
Trichloroethene	20.0		µg/l		20.0		100	70-130		
Trichlorofluoromethane (Freon 11)	23.0		µg/l		20.0		115	68-148		
1,2,3-Trichloropropane	22.7		µg/l		20.0		114	70-130		
1,2,4-Trimethylbenzene	22.2		µg/l		20.0		111	70-130		
1,3,5-Trimethylbenzene	22.1		µg/l		20.0		110	70-130		
Vinyl chloride	28.2	QC1	µg/l		20.0		141	70-130		
m,p-Xylene	43.5		µg/l		40.0		109	70-130		
o-Xylene	22.7		µg/l		20.0		114	70-130		
Tetrahydrofuran	20.6		µg/l		20.0		103	70-130		
Ethyl ether	24.6		µg/l		20.0		123	57.6-132		
Tert-amyl methyl ether	19.8		µg/l		20.0		99.0	70-130		
Ethyl tert-butyl ether	22.5		µg/l		20.0		112	70-130		
Di-isopropyl ether	21.4		µg/l		20.0		107	70-130		
Tert-Butanol / butyl alcohol	152		µg/l		200		76.0	70-130		
1,4-Dioxane	191		µg/l		200		95.5	45.2-132		
Surrogate: 4-Bromofluorobenzene	*49.3*		µg/l		*50.0*		*98.6*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.5*		µg/l		*50.0*		*97.0*	*70-130*		
Surrogate: Dibromofluoromethane	*47.5*		µg/l		*50.0*		*95.0*	*70-130*		
LCS Dup (6121293-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121293 - SW846 5030 Water MS										
Prepared & Analyzed: 17-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.9		µg/l		20.0		110	70-130	8.70	25
Acetone	25.7		µg/l		20.0		128	29.5-156	3.98	50
Acrylonitrile	25.9		µg/l		20.0		130	70-130	3.12	25
Benzene	19.3		µg/l		20.0		96.5	70-130	5.54	25
Bromobenzene	18.9		µg/l		20.0		94.5	70-130	0.528	25
Bromochloromethane	18.2		µg/l		20.0		91.0	70-130	2.17	25
Bromodichloromethane	19.0		µg/l		20.0		95.0	70-130	1.59	25
Bromoform	15.5		µg/l		20.0		77.5	70-130	8.75	25
Bromomethane	17.9		µg/l		20.0		89.5	57.7-151	2.75	50
2-Butanone (MEK)	19.7		µg/l		20.0		98.5	48.9-134	0.00	50
n-Butylbenzene	26.0		µg/l		20.0		130	70-130	0.00	25
sec-Butylbenzene	22.8		µg/l		20.0		114	70-130	1.77	25
tert-Butylbenzene	22.2		µg/l		20.0		111	70-130	0.897	25
Carbon disulfide	18.0		µg/l		20.0		90.0	70-130	14.4	25
Carbon tetrachloride	17.0		µg/l		20.0		85.0	70-130	1.17	25
Chlorobenzene	20.2		µg/l		20.0		101	70-130	0.985	25
Chloroethane	22.6		µg/l		20.0		113	56.9-145	6.84	50
Chloroform	18.5		µg/l		20.0		92.5	70-130	4.75	25
Chloromethane	24.9		µg/l		20.0		124	70-130	4.72	25
2-Chlorotoluene	21.3		µg/l		20.0		106	70-130	1.87	25
4-Chlorotoluene	21.2		µg/l		20.0		106	70-130	2.79	25
1,2-Dibromo-3-chloropropane	19.3		µg/l		20.0		96.5	70-130	10.4	25
Dibromochloromethane	16.7		µg/l		20.0		83.5	61.5-142	5.54	50
1,2-Dibromoethane (EDB)	19.2		µg/l		20.0		96.0	70-130	0.00	25
Dibromomethane	18.8		µg/l		20.0		94.0	70-130	2.15	25
1,2-Dichlorobenzene	21.4		µg/l		20.0		107	70-130	0.939	25
1,3-Dichlorobenzene	19.3		µg/l		20.0		96.5	70-130	2.56	25
1,4-Dichlorobenzene	21.0		µg/l		20.0		105	70-130	0.948	25
Dichlorodifluoromethane (Freon12)	18.5		µg/l		20.0		92.5	36.6-187	9.77	50
1,1-Dichloroethane	19.2		µg/l		20.0		96.0	70-130	5.08	25
1,2-Dichloroethane	19.6		µg/l		20.0		98.0	70-130	2.02	25
1,1-Dichloroethene	23.2		µg/l		20.0		116	70-130	8.26	25
cis-1,2-Dichloroethene	20.1		µg/l		20.0		100	70-130	5.83	25
trans-1,2-Dichloroethene	18.4		µg/l		20.0		92.0	70-130	8.33	25
1,2-Dichloropropane	19.6		µg/l		20.0		98.0	70-130	3.02	25
1,3-Dichloropropane	19.0		µg/l		20.0		95.0	70-130	1.05	25
2,2-Dichloropropane	16.4		µg/l		20.0		82.0	70-130	1.85	25
1,1-Dichloropropene	18.4		µg/l		20.0		92.0	70-130	7.83	25
cis-1,3-Dichloropropene	18.3		µg/l		20.0		91.5	70-130	2.77	25
trans-1,3-Dichloropropene	16.0		µg/l		20.0		80.0	70-130	5.13	25
Ethylbenzene	20.6		µg/l		20.0		103	70-130	3.81	25
Hexachlorobutadiene	19.0		µg/l		20.0		95.0	68.7-142	7.11	50
2-Hexanone (MBK)	20.1		µg/l		20.0		100	56.3-131	0.501	25
Isopropylbenzene	20.4		µg/l		20.0		102	70-130	1.94	25
4-Isopropyltoluene	25.8		µg/l		20.0		129	70-130	3.15	25
Methyl tert-butyl ether	18.8		µg/l		20.0		94.0	70-130	1.07	25
4-Methyl-2-pentanone (MIBK)	20.8		µg/l		20.0		104	55.2-129	0.966	50
Methylene chloride	21.8		µg/l		20.0		109	70-130	0.913	25
Naphthalene	22.6		µg/l		20.0		113	70-130	6.39	25
n-Propylbenzene	21.3		µg/l		20.0		106	70-130	0.939	25
Styrene	21.4		µg/l		20.0		107	70-130	2.76	25
1,1,1,2-Tetrachloroethane	19.0		µg/l		20.0		95.0	70-130	3.75	25
1,1,2,2-Tetrachloroethane	20.2		µg/l		20.0		101	70-130	0.985	25
Tetrachloroethene	17.0		µg/l		20.0		85.0	70-130	5.71	25
Toluene	18.7		µg/l		20.0		93.5	70-130	5.21	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121293 - SW846 5030 Water MS										
LCS Dup (6121293-BSD1)										
Prepared & Analyzed: 17-Dec-06										
1,2,3-Trichlorobenzene	21.6		µg/l		20.0		108	70-130	8.70	25
1,2,4-Trichlorobenzene	20.4		µg/l		20.0		102	70-130	5.03	25
1,1,1-Trichloroethane	18.0		µg/l		20.0		90.0	70-130	1.10	25
1,1,2-Trichloroethane	19.8		µg/l		20.0		99.0	70-130	1.01	25
Trichloroethene	18.6		µg/l		20.0		93.0	70-130	7.25	25
Trichlorofluoromethane (Freon 11)	21.2		µg/l		20.0		106	68-148	8.14	50
1,2,3-Trichloropropane	23.5		µg/l		20.0		118	70-130	3.45	25
1,2,4-Trimethylbenzene	21.9		µg/l		20.0		110	70-130	0.905	25
1,3,5-Trimethylbenzene	21.8		µg/l		20.0		109	70-130	0.913	25
Vinyl chloride	23.7		µg/l		20.0		118	70-130	17.8	25
m,p-Xylene	43.0		µg/l		40.0		108	70-130	0.922	25
o-Xylene	22.4		µg/l		20.0		112	70-130	1.77	25
Tetrahydrofuran	19.8		µg/l		20.0		99.0	70-130	3.96	25
Ethyl ether	25.2		µg/l		20.0		126	57.6-132	2.41	50
Tert-amyl methyl ether	19.7		µg/l		20.0		98.5	70-130	0.506	25
Ethyl tert-butyl ether	22.3		µg/l		20.0		112	70-130	0.00	25
Di-isopropyl ether	21.2		µg/l		20.0		106	70-130	0.939	25
Tert-Butanol / butyl alcohol	170		µg/l		200		85.0	70-130	11.2	25
1,4-Dioxane	199		µg/l		200		99.5	45.2-132	4.10	25
Surrogate: 4-Bromofluorobenzene	*49.2*		µg/l		*50.0*		*98.4*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.0*		µg/l		*50.0*		*98.0*	*70-130*		
Surrogate: Dibromofluoromethane	*47.6*		µg/l		*50.0*		*95.2*	*70-130*		
Matrix Spike (6121293-MS1) **Source: SA55593-02**										
Prepared & Analyzed: 17-Dec-06										
Benzene	14.6		µg/l		20.0	0.560	70.2	70-130		
Chlorobenzene	17.8		µg/l		20.0	BRL	89.0	70-130		
1,1-Dichloroethene	13.6	QM7	µg/l		20.0	BRL	68.0	70-130		
Toluene	15.0		µg/l		20.0	0.148	74.3	70-130		
Trichloroethene	14.2		µg/l		20.0	BRL	71.0	70-130		
Surrogate: 4-Bromofluorobenzene	*48.0*		µg/l		*50.0*		*96.0*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.9*		µg/l		*50.0*		*97.8*	*70-130*		
Surrogate: Dibromofluoromethane	*45.9*		µg/l		*50.0*		*91.8*	*70-130*		
Matrix Spike Dup (6121293-MSD1) **Source: SA55593-02**										
Prepared & Analyzed: 17-Dec-06										
Benzene	14.0	QM7	µg/l		20.0	0.560	67.2	70-130	4.37	30
Chlorobenzene	17.1		µg/l		20.0	BRL	85.5	70-130	4.01	30
1,1-Dichloroethene	12.4	QM7	µg/l		20.0	BRL	62.0	70-130	9.23	30
Toluene	14.3		µg/l		20.0	0.148	70.8	70-130	4.82	30
Trichloroethene	13.6	QM7	µg/l		20.0	BRL	68.0	70-130	4.32	30
Surrogate: 4-Bromofluorobenzene	*48.9*		µg/l		*50.0*		*97.8*	*70-130*		
Surrogate: Toluene-d8	*49.4*		µg/l		*50.0*		*98.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.2*		µg/l		*50.0*		*98.4*	*70-130*		
Surrogate: Dibromofluoromethane	*46.5*		µg/l		*50.0*		*93.0*	*70-130*		
Batch 6121622 - SW846 5035A Soil (low level)										
Blank (6121622-BLK1)										
Prepared & Analyzed: 20-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	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 6121622 - SW846 5035A Soil (low level)										
Blank (6121622-BLK1)										
Prepared & Analyzed: 20-Dec-06										
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						
Surrogate: 4-Bromofluorobenzene	*51.9*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*52.8*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.8*		µg/kg wet		*50.0*		*114*	*70-130*		
Surrogate: Dibromofluoromethane	*53.4*		µg/kg wet		*50.0*		*107*	*70-130*		
LCS (6121622-BS1)										
Prepared & Analyzed: 20-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.1		µg/kg wet		20.0		106	70-130		
Acetone	3.6		µg/kg wet		20.0		18.0	3.31-159		
Acrylonitrile	18.9		µg/kg wet		20.0		94.5	70-130		
Benzene	19.7		µg/kg wet		20.0		98.5	70-130		
Bromobenzene	21.1		µg/kg wet		20.0		106	70-130		
Bromochloromethane	21.2		µg/kg wet		20.0		106	70-130		
Bromodichloromethane	22.0		µg/kg wet		20.0		110	70-130		
Bromoform	22.9		µg/kg wet		20.0		114	70-130		
Bromomethane	17.9		µg/kg wet		20.0		89.5	50-140		
2-Butanone (MEK)	13.3		µg/kg wet		20.0		66.5	47.7-127		
n-Butylbenzene	18.8		µg/kg wet		20.0		94.0	70-130		
sec-Butylbenzene	21.7		µg/kg wet		20.0		108	70-130		
tert-Butylbenzene	22.4		µg/kg wet		20.0		112	70-130		
Carbon disulfide	17.0		µg/kg wet		20.0		85.0	70-130		
Carbon tetrachloride	22.8		µg/kg wet		20.0		114	70-130		
Chlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
Chloroethane	17.7		µg/kg wet		20.0		88.5	55.9-135		
Chloroform	20.1		µg/kg wet		20.0		100	70-130		
Chloromethane	14.5		µg/kg wet		20.0		72.5	70-130		
2-Chlorotoluene	22.2		µg/kg wet		20.0		111	70-130		
4-Chlorotoluene	20.7		µg/kg wet		20.0		104	70-130		
1,2-Dibromo-3-chloropropane	20.6		µg/kg wet		20.0		103	70-130		
Dibromochloromethane	22.0		µg/kg wet		20.0		110	72-125		
1,2-Dibromoethane (EDB)	22.1		µg/kg wet		20.0		110	70-130		
Dibromomethane	20.7		µg/kg wet		20.0		104	70-130		
1,2-Dichlorobenzene	19.5		µg/kg wet		20.0		97.5	70-130		
1,3-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130		
1,4-Dichlorobenzene	20.1		µg/kg wet		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	23.0		µg/kg wet		20.0		115	42.3-190		
1,1-Dichloroethane	18.9		µg/kg wet		20.0		94.5	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121622 - SW846 5035A Soil (low level)										
Blank (6121622-BLK1)										
Prepared & Analyzed: 20-Dec-06										
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121622 - SW846 5035A Soil (low level)										
LCS (6121622-BS1)										
Prepared & Analyzed: 20-Dec-06										
1,2-Dichloroethane	23.6		µg/kg wet		20.0		118	70-130		
1,1-Dichloroethene	17.0		µg/kg wet		20.0		85.0	70-130		
cis-1,2-Dichloroethene	18.8		µg/kg wet		20.0		94.0	70-130		
trans-1,2-Dichloroethene	18.0		µg/kg wet		20.0		90.0	70-130		
1,2-Dichloropropane	18.7		µg/kg wet		20.0		93.5	70-130		
1,3-Dichloropropane	22.2		µg/kg wet		20.0		111	70-130		
2,2-Dichloropropane	19.7		µg/kg wet		20.0		98.5	70-130		
1,1-Dichloropropene	18.0		µg/kg wet		20.0		90.0	70-130		
cis-1,3-Dichloropropene	20.1		µg/kg wet		20.0		100	70-130		
trans-1,3-Dichloropropene	21.4		µg/kg wet		20.0		107	70-130		
Ethylbenzene	20.0		µg/kg wet		20.0		100	70-130		
Hexachlorobutadiene	18.6		µg/kg wet		20.0		93.0	70-137		
2-Hexanone (MBK)	18.5		µg/kg wet		20.0		92.5	70-130		
Isopropylbenzene	20.2		µg/kg wet		20.0		101	70-130		
4-Isopropyltoluene	19.8		µg/kg wet		20.0		99.0	70-130		
Methyl tert-butyl ether	20.8		µg/kg wet		20.0		104	70-130		
4-Methyl-2-pentanone (MIBK)	19.5		µg/kg wet		20.0		97.5	48.5-127		
Methylene chloride	16.9		µg/kg wet		20.0		84.5	70-130		
Naphthalene	20.7		µg/kg wet		20.0		104	70-130		
n-Propylbenzene	21.6		µg/kg wet		20.0		108	70-130		
Styrene	21.0		µg/kg wet		20.0		105	70-130		
1,1,1,2-Tetrachloroethane	23.4		µg/kg wet		20.0		117	70-130		
1,1,2,2-Tetrachloroethane	22.8		µg/kg wet		20.0		114	70-130		
Tetrachloroethene	19.7		µg/kg wet		20.0		98.5	70-130		
Toluene	19.8		µg/kg wet		20.0		99.0	70-130		
1,2,3-Trichlorobenzene	18.8		µg/kg wet		20.0		94.0	70-130		
1,2,4-Trichlorobenzene	17.8		µg/kg wet		20.0		89.0	70-130		
1,1,1-Trichloroethane	22.8		µg/kg wet		20.0		114	70-130		
1,1,2-Trichloroethane	20.0		µg/kg wet		20.0		100	70-130		
Trichloroethene	20.7		µg/kg wet		20.0		104	70-130		
Trichlorofluoromethane (Freon 11)	22.0		µg/kg wet		20.0		110	66.5-144		
1,2,3-Trichloropropane	26.2	QC2	µg/kg wet		20.0		131	70-130		
1,2,4-Trimethylbenzene	21.5		µg/kg wet		20.0		108	70-130		
1,3,5-Trimethylbenzene	22.3		µg/kg wet		20.0		112	70-130		
Vinyl chloride	19.2		µg/kg wet		20.0		96.0	70-130		
m,p-Xylene	40.4		µg/kg wet		40.0		101	70-130		
o-Xylene	21.0		µg/kg wet		20.0		105	70-130		
Tetrahydrofuran	16.7		µg/kg wet		20.0		83.5	70-130		
Ethyl ether	18.5		µg/kg wet		20.0		92.5	64.9-123		
Tert-amyl methyl ether	26.7	QC1	µg/kg wet		20.0		134	70-130		
Ethyl tert-butyl ether	21.2		µg/kg wet		20.0		106	70-130		
Di-isopropyl ether	17.0		µg/kg wet		20.0		85.0	70-130		
Tert-Butanol / butyl alcohol	195		µg/kg wet		200		97.5	70-130		
1,4-Dioxane	196		µg/kg wet		200		98.0	40-134		
Surrogate: 4-Bromofluorobenzene	*52.6*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.9*		µg/kg wet		*50.0*		*95.8*	*70-130*		
Surrogate: Dibromofluoromethane	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS Dup (6121622-BSD1)										
Prepared & Analyzed: 20-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.8		µg/kg wet		20.0		109	70-130	2.79	25
Acetone	6.6	QR2	µg/kg wet		20.0		33.0	3.31-159	58.8	50
Acrylonitrile	20.2		µg/kg wet		20.0		101	70-130	6.65	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121622 - SW846 5035A Soil (low level)										
LCS Dup (6121622-BSD1)										
Prepared & Analyzed: 20-Dec-06										
Benzene	18.4		µg/kg wet		20.0		92.0	70-130	6.82	25
Bromobenzene	18.9		µg/kg wet		20.0		94.5	70-130	11.5	25
Bromochloromethane	20.0		µg/kg wet		20.0		100	70-130	5.83	25
Bromodichloromethane	21.6		µg/kg wet		20.0		108	70-130	1.83	25
Bromoform	24.2		µg/kg wet		20.0		121	70-130	5.96	25
Bromomethane	17.9		µg/kg wet		20.0		89.5	50-140	0.00	50
2-Butanone (MEK)	16.6		µg/kg wet		20.0		83.0	47.7-127	22.1	50
n-Butylbenzene	18.4		µg/kg wet		20.0		92.0	70-130	2.15	25
sec-Butylbenzene	20.7		µg/kg wet		20.0		104	70-130	3.77	25
tert-Butylbenzene	21.9		µg/kg wet		20.0		110	70-130	1.80	25
Carbon disulfide	17.0		µg/kg wet		20.0		85.0	70-130	0.00	25
Carbon tetrachloride	22.9		µg/kg wet		20.0		114	70-130	0.00	25
Chlorobenzene	19.5		µg/kg wet		20.0		97.5	70-130	7.41	25
Chloroethane	17.5		µg/kg wet		20.0		87.5	55.9-135	1.14	50
Chloroform	19.3		µg/kg wet		20.0		96.5	70-130	3.56	25
Chloromethane	14.0		µg/kg wet		20.0		70.0	70-130	3.51	25
2-Chlorotoluene	20.3		µg/kg wet		20.0		102	70-130	8.45	25
4-Chlorotoluene	20.1		µg/kg wet		20.0		100	70-130	3.92	25
1,2-Dibromo-3-chloropropane	22.5		µg/kg wet		20.0		112	70-130	8.37	25
Dibromochloromethane	22.5		µg/kg wet		20.0		112	72-125	1.80	50
1,2-Dibromoethane (EDB)	22.7		µg/kg wet		20.0		114	70-130	3.57	25
Dibromomethane	20.8		µg/kg wet		20.0		104	70-130	0.00	25
1,2-Dichlorobenzene	19.2		µg/kg wet		20.0		96.0	70-130	1.55	25
1,3-Dichlorobenzene	19.9		µg/kg wet		20.0		99.5	70-130	2.48	25
1,4-Dichlorobenzene	18.2		µg/kg wet		20.0		91.0	70-130	9.42	25
Dichlorodifluoromethane (Freon12)	25.9		µg/kg wet		20.0		130	42.3-190	12.2	50
1,1-Dichloroethane	18.0		µg/kg wet		20.0		90.0	70-130	4.88	25
1,2-Dichloroethane	22.6		µg/kg wet		20.0		113	70-130	4.33	25
1,1-Dichloroethene	18.4		µg/kg wet		20.0		92.0	70-130	7.91	25
cis-1,2-Dichloroethene	18.0		µg/kg wet		20.0		90.0	70-130	4.35	25
trans-1,2-Dichloroethene	19.5		µg/kg wet		20.0		97.5	70-130	8.00	25
1,2-Dichloropropane	18.7		µg/kg wet		20.0		93.5	70-130	0.00	25
1,3-Dichloropropane	21.9		µg/kg wet		20.0		110	70-130	0.905	25
2,2-Dichloropropane	18.7		µg/kg wet		20.0		93.5	70-130	5.21	25
1,1-Dichloropropene	20.9		µg/kg wet		20.0		104	70-130	14.4	25
cis-1,3-Dichloropropene	19.3		µg/kg wet		20.0		96.5	70-130	3.56	25
trans-1,3-Dichloropropene	21.4		µg/kg wet		20.0		107	70-130	0.00	25
Ethylbenzene	20.0		µg/kg wet		20.0		100	70-130	0.00	25
Hexachlorobutadiene	19.6		µg/kg wet		20.0		98.0	70-137	5.24	50
2-Hexanone (MBK)	17.5		µg/kg wet		20.0		87.5	70-130	5.56	25
Isopropylbenzene	20.0		µg/kg wet		20.0		100	70-130	0.995	25
4-Isopropyltoluene	19.6		µg/kg wet		20.0		98.0	70-130	1.02	25
Methyl tert-butyl ether	21.4		µg/kg wet		20.0		107	70-130	2.84	25
4-Methyl-2-pentanone (MIBK)	20.0		µg/kg wet		20.0		100	48.5-127	2.53	50
Methylene chloride	17.6		µg/kg wet		20.0		88.0	70-130	4.06	25
Naphthalene	20.0		µg/kg wet		20.0		100	70-130	3.92	25
n-Propylbenzene	20.8		µg/kg wet		20.0		104	70-130	3.77	25
Styrene	20.0		µg/kg wet		20.0		100	70-130	4.88	25
1,1,1,2-Tetrachloroethane	21.3		µg/kg wet		20.0		106	70-130	9.87	25
1,1,2,2-Tetrachloroethane	21.6		µg/kg wet		20.0		108	70-130	5.41	25
Tetrachloroethene	20.1		µg/kg wet		20.0		100	70-130	1.51	25
Toluene	19.4		µg/kg wet		20.0		97.0	70-130	2.04	25
1,2,3-Trichlorobenzene	19.3		µg/kg wet		20.0		96.5	70-130	2.62	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121622 - SW846 5035A Soil (low level)										
LCS Dup (6121622-BSD1)										
Prepared & Analyzed: 20-Dec-06										
1,2,4-Trichlorobenzene	18.4		µg/kg wet		20.0		92.0	70-130	3.31	25
1,1,1-Trichloroethane	22.5		µg/kg wet		20.0		112	70-130	1.77	25
1,1,2-Trichloroethane	20.9		µg/kg wet		20.0		104	70-130	3.92	25
Trichloroethene	19.9		µg/kg wet		20.0		99.5	70-130	4.42	25
Trichlorofluoromethane (Freon 11)	21.7		µg/kg wet		20.0		108	66.5-144	1.83	50
1,2,3-Trichloropropane	26.2	QC2	µg/kg wet		20.0		131	70-130	0.00	25
1,2,4-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130	3.77	25
1,3,5-Trimethylbenzene	20.9		µg/kg wet		20.0		104	70-130	7.41	25
Vinyl chloride	18.1		µg/kg wet		20.0		90.5	70-130	5.90	25
m,p-Xylene	38.1		µg/kg wet		40.0		95.2	70-130	5.91	25
o-Xylene	20.7		µg/kg wet		20.0		104	70-130	0.957	25
Tetrahydrofuran	19.7		µg/kg wet		20.0		98.5	70-130	16.5	25
Ethyl ether	17.8		µg/kg wet		20.0		89.0	64.9-123	3.86	50
Tert-amyl methyl ether	24.6		µg/kg wet		20.0		123	70-130	8.56	25
Ethyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130	2.87	25
Di-isopropyl ether	16.6		µg/kg wet		20.0		83.0	70-130	2.38	25
Tert-Butanol / butyl alcohol	202		µg/kg wet		200		101	70-130	3.53	25
1,4-Dioxane	206		µg/kg wet		200		103	40-134	4.98	25
Surrogate: 4-Bromofluorobenzene	*54.8*		µg/kg wet		*50.0*		*110*	*70-130*		
Surrogate: Toluene-d8	*53.3*		µg/kg wet		*50.0*		*107*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.5*		µg/kg wet		*50.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*53.5*		µg/kg wet		*50.0*		*107*	*70-130*		
Batch 6121713 - SW846 5035A Soil (low level)										
Blank (6121713-BLK1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121713 - SW846 5035A Soil (low level)										
Blank (6121713-BLK1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-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						
Surrogate: 4-Bromofluorobenzene	*49.7*		µg/kg wet		*50.0*		*99.4*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/kg wet		*50.0*		*99.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.2*		µg/kg wet		*50.0*		*112*	*70-130*		
Surrogate: Dibromofluoromethane	*52.0*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS (6121713-BS1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.1		µg/kg wet		20.0		106	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121713 - SW846 5035A Soil (low level)										
LCS (6121713-BS1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Acetone	15.6		µg/kg wet		20.0		78.0	3.31-159		
Acrylonitrile	19.0		µg/kg wet		20.0		95.0	70-130		
Benzene	20.2		µg/kg wet		20.0		101	70-130		
Bromobenzene	22.0		µg/kg wet		20.0		110	70-130		
Bromochloromethane	20.8		µg/kg wet		20.0		104	70-130		
Bromodichloromethane	22.2		µg/kg wet		20.0		111	70-130		
Bromoform	23.2		µg/kg wet		20.0		116	70-130		
Bromomethane	18.0		µg/kg wet		20.0		90.0	50-140		
2-Butanone (MEK)	20.1		µg/kg wet		20.0		100	47.7-127		
n-Butylbenzene	22.4		µg/kg wet		20.0		112	70-130		
sec-Butylbenzene	22.0		µg/kg wet		20.0		110	70-130		
tert-Butylbenzene	21.9		µg/kg wet		20.0		110	70-130		
Carbon disulfide	18.7		µg/kg wet		20.0		93.5	70-130		
Carbon tetrachloride	20.4		µg/kg wet		20.0		102	70-130		
Chlorobenzene	22.2		µg/kg wet		20.0		111	70-130		
Chloroethane	18.0		µg/kg wet		20.0		90.0	55.9-135		
Chloroform	20.6		µg/kg wet		20.0		103	70-130		
Chloromethane	18.4		µg/kg wet		20.0		92.0	70-130		
2-Chlorotoluene	21.7		µg/kg wet		20.0		108	70-130		
4-Chlorotoluene	22.3		µg/kg wet		20.0		112	70-130		
1,2-Dibromo-3-chloropropane	21.8		µg/kg wet		20.0		109	70-130		
Dibromochloromethane	21.8		µg/kg wet		20.0		109	72-125		
1,2-Dibromoethane (EDB)	21.4		µg/kg wet		20.0		107	70-130		
Dibromomethane	20.6		µg/kg wet		20.0		103	70-130		
1,2-Dichlorobenzene	21.7		µg/kg wet		20.0		108	70-130		
1,3-Dichlorobenzene	22.7		µg/kg wet		20.0		114	70-130		
1,4-Dichlorobenzene	21.4		µg/kg wet		20.0		107	70-130		
Dichlorodifluoromethane (Freon12)	17.5		µg/kg wet		20.0		87.5	42.3-190		
1,1-Dichloroethane	20.8		µg/kg wet		20.0		104	70-130		
1,2-Dichloroethane	20.7		µg/kg wet		20.0		104	70-130		
1,1-Dichloroethene	17.9		µg/kg wet		20.0		89.5	70-130		
cis-1,2-Dichloroethene	21.3		µg/kg wet		20.0		106	70-130		
trans-1,2-Dichloroethene	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dichloropropane	21.4		µg/kg wet		20.0		107	70-130		
1,3-Dichloropropane	20.9		µg/kg wet		20.0		104	70-130		
2,2-Dichloropropane	21.0		µg/kg wet		20.0		105	70-130		
1,1-Dichloropropene	20.5		µg/kg wet		20.0		102	70-130		
cis-1,3-Dichloropropene	21.5		µg/kg wet		20.0		108	70-130		
trans-1,3-Dichloropropene	21.9		µg/kg wet		20.0		110	70-130		
Ethylbenzene	21.9		µg/kg wet		20.0		110	70-130		
Hexachlorobutadiene	22.5		µg/kg wet		20.0		112	70-137		
2-Hexanone (MBK)	18.3		µg/kg wet		20.0		91.5	70-130		
Isopropylbenzene	20.8		µg/kg wet		20.0		104	70-130		
4-Isopropyltoluene	22.2		µg/kg wet		20.0		111	70-130		
Methyl tert-butyl ether	20.8		µg/kg wet		20.0		104	70-130		
4-Methyl-2-pentanone (MIBK)	19.2		µg/kg wet		20.0		96.0	48.5-127		
Methylene chloride	19.6		µg/kg wet		20.0		98.0	70-130		
Naphthalene	16.2		µg/kg wet		20.0		81.0	70-130		
n-Propylbenzene	21.5		µg/kg wet		20.0		108	70-130		
Styrene	22.5		µg/kg wet		20.0		112	70-130		
1,1,1,2-Tetrachloroethane	21.0		µg/kg wet		20.0		105	70-130		
1,1,2,2-Tetrachloroethane	22.1		µg/kg wet		20.0		110	70-130		
Tetrachloroethene	20.6		µg/kg wet		20.0		103	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121713 - SW846 5035A Soil (low level)										
LCS (6121713-BS1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Toluene	19.8		µg/kg wet		20.0		99.0	70-130		
1,2,3-Trichlorobenzene	17.4		µg/kg wet		20.0		87.0	70-130		
1,2,4-Trichlorobenzene	18.4		µg/kg wet		20.0		92.0	70-130		
1,1,1-Trichloroethane	20.4		µg/kg wet		20.0		102	70-130		
1,1,2-Trichloroethane	22.2		µg/kg wet		20.0		111	70-130		
Trichloroethene	19.6		µg/kg wet		20.0		98.0	70-130		
Trichlorofluoromethane (Freon 11)	18.9		µg/kg wet		20.0		94.5	66.5-144		
1,2,3-Trichloropropane	24.1		µg/kg wet		20.0		120	70-130		
1,2,4-Trimethylbenzene	22.7		µg/kg wet		20.0		114	70-130		
1,3,5-Trimethylbenzene	22.0		µg/kg wet		20.0		110	70-130		
Vinyl chloride	19.4		µg/kg wet		20.0		97.0	70-130		
m,p-Xylene	44.3		µg/kg wet		40.0		111	70-130		
o-Xylene	22.2		µg/kg wet		20.0		111	70-130		
Tetrahydrofuran	19.7		µg/kg wet		20.0		98.5	70-130		
Ethyl ether	18.8		µg/kg wet		20.0		94.0	64.9-123		
Tert-amyl methyl ether	20.4		µg/kg wet		20.0		102	70-130		
Ethyl tert-butyl ether	21.3		µg/kg wet		20.0		106	70-130		
Di-isopropyl ether	20.2		µg/kg wet		20.0		101	70-130		
Tert-Butanol / butyl alcohol	215		µg/kg wet		200		108	70-130		
1,4-Dioxane	239		µg/kg wet		200		120	40-134		
Surrogate: 4-Bromofluorobenzene	*50.9*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/kg wet		*50.0*		*99.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.4*		µg/kg wet		*50.0*		*96.8*	*70-130*		
Surrogate: Dibromofluoromethane	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
LCS Dup (6121713-BSD1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.0		µg/kg wet		20.0		105	70-130	0.948	25
Acetone	18.4		µg/kg wet		20.0		92.0	3.31-159	16.5	50
Acrylonitrile	19.5		µg/kg wet		20.0		97.5	70-130	2.60	25
Benzene	20.1		µg/kg wet		20.0		100	70-130	0.995	25
Bromobenzene	21.9		µg/kg wet		20.0		110	70-130	0.00	25
Bromochloromethane	21.6		µg/kg wet		20.0		108	70-130	3.77	25
Bromodichloromethane	22.3		µg/kg wet		20.0		112	70-130	0.897	25
Bromoform	22.3		µg/kg wet		20.0		112	70-130	3.51	25
Bromomethane	18.4		µg/kg wet		20.0		92.0	50-140	2.20	50
2-Butanone (MEK)	20.8		µg/kg wet		20.0		104	47.7-127	3.92	50
n-Butylbenzene	22.6		µg/kg wet		20.0		113	70-130	0.889	25
sec-Butylbenzene	21.8		µg/kg wet		20.0		109	70-130	0.913	25
tert-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130	1.83	25
Carbon disulfide	19.0		µg/kg wet		20.0		95.0	70-130	1.59	25
Carbon tetrachloride	20.6		µg/kg wet		20.0		103	70-130	0.976	25
Chlorobenzene	22.0		µg/kg wet		20.0		110	70-130	0.905	25
Chloroethane	18.1		µg/kg wet		20.0		90.5	55.9-135	0.554	50
Chloroform	21.0		µg/kg wet		20.0		105	70-130	1.92	25
Chloromethane	18.4		µg/kg wet		20.0		92.0	70-130	0.00	25
2-Chlorotoluene	21.5		µg/kg wet		20.0		108	70-130	0.00	25
4-Chlorotoluene	22.0		µg/kg wet		20.0		110	70-130	1.80	25
1,2-Dibromo-3-chloropropane	20.7		µg/kg wet		20.0		104	70-130	4.69	25
Dibromochloromethane	22.1		µg/kg wet		20.0		110	72-125	0.913	50
1,2-Dibromoethane (EDB)	21.4		µg/kg wet		20.0		107	70-130	0.00	25
Dibromomethane	20.8		µg/kg wet		20.0		104	70-130	0.966	25
1,2-Dichlorobenzene	21.7		µg/kg wet		20.0		108	70-130	0.00	25
1,3-Dichlorobenzene	22.5		µg/kg wet		20.0		112	70-130	1.77	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121713 - SW846 5035A Soil (low level)										
LCS Dup (6121713-BSD1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
1,4-Dichlorobenzene	21.7		µg/kg wet		20.0		108	70-130	0.930	25
Dichlorodifluoromethane (Freon12)	17.7		µg/kg wet		20.0		88.5	42.3-190	1.14	50
1,1-Dichloroethane	20.5		µg/kg wet		20.0		102	70-130	1.94	25
1,2-Dichloroethane	20.2		µg/kg wet		20.0		101	70-130	2.93	25
1,1-Dichloroethene	17.5		µg/kg wet		20.0		87.5	70-130	2.26	25
cis-1,2-Dichloroethene	21.5		µg/kg wet		20.0		108	70-130	1.87	25
trans-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130	1.98	25
1,2-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130	0.939	25
1,3-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130	0.966	25
2,2-Dichloropropane	21.0		µg/kg wet		20.0		105	70-130	0.00	25
1,1-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130	0.00	25
cis-1,3-Dichloropropene	22.0		µg/kg wet		20.0		110	70-130	1.83	25
trans-1,3-Dichloropropene	21.6		µg/kg wet		20.0		108	70-130	1.83	25
Ethylbenzene	21.4		µg/kg wet		20.0		107	70-130	2.76	25
Hexachlorobutadiene	22.0		µg/kg wet		20.0		110	70-137	1.80	50
2-Hexanone (MBK)	19.1		µg/kg wet		20.0		95.5	70-130	4.28	25
Isopropylbenzene	20.4		µg/kg wet		20.0		102	70-130	1.94	25
4-Isopropyltoluene	22.3		µg/kg wet		20.0		112	70-130	0.897	25
Methyl tert-butyl ether	20.9		µg/kg wet		20.0		104	70-130	0.00	25
4-Methyl-2-pentanone (MIBK)	19.3		µg/kg wet		20.0		96.5	48.5-127	0.519	50
Methylene chloride	19.7		µg/kg wet		20.0		98.5	70-130	0.509	25
Naphthalene	16.8		µg/kg wet		20.0		84.0	70-130	3.64	25
n-Propylbenzene	21.0		µg/kg wet		20.0		105	70-130	2.82	25
Styrene	22.2		µg/kg wet		20.0		111	70-130	0.897	25
1,1,1,2-Tetrachloroethane	21.1		µg/kg wet		20.0		106	70-130	0.948	25
1,1,2,2-Tetrachloroethane	21.6		µg/kg wet		20.0		108	70-130	1.83	25
Tetrachloroethene	20.4		µg/kg wet		20.0		102	70-130	0.976	25
Toluene	19.6		µg/kg wet		20.0		98.0	70-130	1.02	25
1,2,3-Trichlorobenzene	17.6		µg/kg wet		20.0		88.0	70-130	1.14	25
1,2,4-Trichlorobenzene	18.7		µg/kg wet		20.0		93.5	70-130	1.62	25
1,1,1-Trichloroethane	20.3		µg/kg wet		20.0		102	70-130	0.00	25
1,1,2-Trichloroethane	22.3		µg/kg wet		20.0		112	70-130	0.897	25
Trichloroethene	19.7		µg/kg wet		20.0		98.5	70-130	0.509	25
Trichlorofluoromethane (Freon 11)	19.3		µg/kg wet		20.0		96.5	66.5-144	2.09	50
1,2,3-Trichloropropane	23.5		µg/kg wet		20.0		118	70-130	1.68	25
1,2,4-Trimethylbenzene	22.0		µg/kg wet		20.0		110	70-130	3.57	25
1,3,5-Trimethylbenzene	21.8		µg/kg wet		20.0		109	70-130	0.913	25
Vinyl chloride	19.7		µg/kg wet		20.0		98.5	70-130	1.53	25
m,p-Xylene	43.7		µg/kg wet		40.0		109	70-130	1.82	25
o-Xylene	22.1		µg/kg wet		20.0		110	70-130	0.905	25
Tetrahydrofuran	21.5		µg/kg wet		20.0		108	70-130	9.20	25
Ethyl ether	18.8		µg/kg wet		20.0		94.0	64.9-123	0.00	50
Tert-amyl methyl ether	20.9		µg/kg wet		20.0		104	70-130	1.94	25
Ethyl tert-butyl ether	21.2		µg/kg wet		20.0		106	70-130	0.00	25
Di-isopropyl ether	20.0		µg/kg wet		20.0		100	70-130	0.995	25
Tert-Butanol / butyl alcohol	209		µg/kg wet		200		104	70-130	3.77	25
1,4-Dioxane	257		µg/kg wet		200		128	40-134	6.45	25
Surrogate: 4-Bromofluorobenzene	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*49.7*		µg/kg wet		*50.0*		*99.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.4*		µg/kg wet		*50.0*		*96.8*	*70-130*		
Surrogate: Dibromofluoromethane	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
Batch 6121743 - SW846 5035A Soil (low level)										
Blank (6121743-BLK1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121743 - SW846 5035A Soil (low level)										
Prepared & Analyzed: 21-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	15.0						
Acetone	BRL		µg/kg wet	300						
Acrylonitrile	BRL		µg/kg wet	15.0						
Benzene	BRL		µg/kg wet	15.0						
Bromobenzene	BRL		µg/kg wet	15.0						
Bromochloromethane	BRL		µg/kg wet	15.0						
Bromodichloromethane	BRL		µg/kg wet	15.0						
Bromoform	BRL		µg/kg wet	15.0						
Bromomethane	BRL		µg/kg wet	30.0						
2-Butanone (MEK)	BRL		µg/kg wet	150						
n-Butylbenzene	BRL		µg/kg wet	15.0						
sec-Butylbenzene	BRL		µg/kg wet	15.0						
tert-Butylbenzene	BRL		µg/kg wet	15.0						
Carbon disulfide	BRL		µg/kg wet	75.0						
Carbon tetrachloride	BRL		µg/kg wet	15.0						
Chlorobenzene	BRL		µg/kg wet	15.0						
Chloroethane	BRL		µg/kg wet	30.0						
Chloroform	BRL		µg/kg wet	15.0						
Chloromethane	BRL		µg/kg wet	30.0						
2-Chlorotoluene	BRL		µg/kg wet	15.0						
4-Chlorotoluene	BRL		µg/kg wet	15.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	30.0						
Dibromochloromethane	BRL		µg/kg wet	15.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	15.0						
Dibromomethane	BRL		µg/kg wet	15.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	15.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	15.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	15.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	30.0						
1,1-Dichloroethane	BRL		µg/kg wet	15.0						
1,2-Dichloroethane	BRL		µg/kg wet	15.0						
1,1-Dichloroethene	BRL		µg/kg wet	15.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	15.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	15.0						
1,2-Dichloropropane	BRL		µg/kg wet	15.0						
1,3-Dichloropropane	BRL		µg/kg wet	15.0						
2,2-Dichloropropane	BRL		µg/kg wet	15.0						
1,1-Dichloropropene	BRL		µg/kg wet	15.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	15.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	15.0						
Ethylbenzene	BRL		µg/kg wet	15.0						
Hexachlorobutadiene	BRL		µg/kg wet	15.0						
2-Hexanone (MBK)	BRL		µg/kg wet	150						
Isopropylbenzene	BRL		µg/kg wet	15.0						
4-Isopropyltoluene	BRL		µg/kg wet	15.0						
Methyl tert-butyl ether	BRL		µg/kg wet	15.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	150						
Methylene chloride	BRL		µg/kg wet	150						
Naphthalene	BRL		µg/kg wet	15.0						
n-Propylbenzene	BRL		µg/kg wet	15.0						
Styrene	BRL		µg/kg wet	15.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	15.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	15.0						
Tetrachloroethene	BRL		µg/kg wet	15.0						
Toluene	BRL		µg/kg wet	15.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121743 - SW846 5035A Soil (low level)										
Blank (6121743-BLK1)										
Prepared & Analyzed: 21-Dec-06										
1,2,3-Trichlorobenzene	BRL		µg/kg wet	15.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	15.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	15.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	15.0						
Trichloroethene	BRL		µg/kg wet	15.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	15.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	15.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	15.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	15.0						
Vinyl chloride	BRL		µg/kg wet	15.0						
m,p-Xylene	BRL		µg/kg wet	30.0						
o-Xylene	BRL		µg/kg wet	15.0						
Tetrahydrofuran	BRL		µg/kg wet	150						
Ethyl ether	BRL		µg/kg wet	15.0						
Tert-amyl methyl ether	BRL		µg/kg wet	15.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	15.0						
Di-isopropyl ether	BRL		µg/kg wet	15.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	150						
1,4-Dioxane	BRL		µg/kg wet	300						
Surrogate: 4-Bromofluorobenzene	*49.0*		µg/kg wet		*50.0*		*98.0*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/kg wet		*50.0*		*98.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.2*		µg/kg wet		*50.0*		*108*	*70-130*		
Surrogate: Dibromofluoromethane	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS (6121743-BS1)										
Prepared & Analyzed: 21-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.7		µg/kg wet		20.0		104	70-130		
Acetone	20.7		µg/kg wet		20.0		104	3.31-159		
Acrylonitrile	21.1		µg/kg wet		20.0		106	70-130		
Benzene	21.3		µg/kg wet		20.0		106	70-130		
Bromobenzene	22.5		µg/kg wet		20.0		112	70-130		
Bromochloromethane	22.0		µg/kg wet		20.0		110	70-130		
Bromodichloromethane	22.9		µg/kg wet		20.0		114	70-130		
Bromoform	21.9		µg/kg wet		20.0		110	70-130		
Bromomethane	21.3		µg/kg wet		20.0		106	50-140		
2-Butanone (MEK)	23.1		µg/kg wet		20.0		116	47.7-127		
n-Butylbenzene	21.2		µg/kg wet		20.0		106	70-130		
sec-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130		
tert-Butylbenzene	22.2		µg/kg wet		20.0		111	70-130		
Carbon disulfide	19.7		µg/kg wet		20.0		98.5	70-130		
Carbon tetrachloride	20.8		µg/kg wet		20.0		104	70-130		
Chlorobenzene	22.1		µg/kg wet		20.0		110	70-130		
Chloroethane	19.7		µg/kg wet		20.0		98.5	55.9-135		
Chloroform	22.2		µg/kg wet		20.0		111	70-130		
Chloromethane	20.2		µg/kg wet		20.0		101	70-130		
2-Chlorotoluene	22.7		µg/kg wet		20.0		114	70-130		
4-Chlorotoluene	22.4		µg/kg wet		20.0		112	70-130		
1,2-Dibromo-3-chloropropane	21.2		µg/kg wet		20.0		106	70-130		
Dibromochloromethane	22.4		µg/kg wet		20.0		112	72-125		
1,2-Dibromoethane (EDB)	21.9		µg/kg wet		20.0		110	70-130		
Dibromomethane	21.1		µg/kg wet		20.0		106	70-130		
1,2-Dichlorobenzene	22.4		µg/kg wet		20.0		112	70-130		
1,3-Dichlorobenzene	22.3		µg/kg wet		20.0		112	70-130		
1,4-Dichlorobenzene	21.6		µg/kg wet		20.0		108	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121743 - SW846 5035A Soil (low level)										
LCS (6121743-BS1)										
Prepared & Analyzed: 21-Dec-06										
Dichlorodifluoromethane (Freon12)	18.3		µg/kg wet		20.0		91.5	42.3-190		
1,1-Dichloroethane	22.1		µg/kg wet		20.0		110	70-130		
1,2-Dichloroethane	21.2		µg/kg wet		20.0		106	70-130		
1,1-Dichloroethene	18.8		µg/kg wet		20.0		94.0	70-130		
cis-1,2-Dichloroethene	23.0		µg/kg wet		20.0		115	70-130		
trans-1,2-Dichloroethene	21.6		µg/kg wet		20.0		108	70-130		
1,2-Dichloropropane	22.9		µg/kg wet		20.0		114	70-130		
1,3-Dichloropropane	22.0		µg/kg wet		20.0		110	70-130		
2,2-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130		
1,1-Dichloropropene	21.1		µg/kg wet		20.0		106	70-130		
cis-1,3-Dichloropropene	22.4		µg/kg wet		20.0		112	70-130		
trans-1,3-Dichloropropene	22.5		µg/kg wet		20.0		112	70-130		
Ethylbenzene	21.6		µg/kg wet		20.0		108	70-130		
Hexachlorobutadiene	21.0		µg/kg wet		20.0		105	70-137		
2-Hexanone (MBK)	21.2		µg/kg wet		20.0		106	70-130		
Isopropylbenzene	20.7		µg/kg wet		20.0		104	70-130		
4-Isopropyltoluene	21.9		µg/kg wet		20.0		110	70-130		
Methyl tert-butyl ether	22.1		µg/kg wet		20.0		110	70-130		
4-Methyl-2-pentanone (MIBK)	21.2		µg/kg wet		20.0		106	48.5-127		
Methylene chloride	20.2		µg/kg wet		20.0		101	70-130		
Naphthalene	17.6		µg/kg wet		20.0		88.0	70-130		
n-Propylbenzene	20.6		µg/kg wet		20.0		103	70-130		
Styrene	22.6		µg/kg wet		20.0		113	70-130		
1,1,1,2-Tetrachloroethane	22.5		µg/kg wet		20.0		112	70-130		
1,1,2,2-Tetrachloroethane	21.4		µg/kg wet		20.0		107	70-130		
Tetrachloroethene	21.1		µg/kg wet		20.0		106	70-130		
Toluene	21.0		µg/kg wet		20.0		105	70-130		
1,2,3-Trichlorobenzene	18.4		µg/kg wet		20.0		92.0	70-130		
1,2,4-Trichlorobenzene	18.7		µg/kg wet		20.0		93.5	70-130		
1,1,1-Trichloroethane	21.2		µg/kg wet		20.0		106	70-130		
1,1,2-Trichloroethane	22.9		µg/kg wet		20.0		114	70-130		
Trichloroethene	21.2		µg/kg wet		20.0		106	70-130		
Trichlorofluoromethane (Freon 11)	19.4		µg/kg wet		20.0		97.0	66.5-144		
1,2,3-Trichloropropane	23.8		µg/kg wet		20.0		119	70-130		
1,2,4-Trimethylbenzene	22.3		µg/kg wet		20.0		112	70-130		
1,3,5-Trimethylbenzene	21.9		µg/kg wet		20.0		110	70-130		
Vinyl chloride	20.3		µg/kg wet		20.0		102	70-130		
m,p-Xylene	43.8		µg/kg wet		40.0		110	70-130		
o-Xylene	22.3		µg/kg wet		20.0		112	70-130		
Tetrahydrofuran	20.4		µg/kg wet		20.0		102	70-130		
Ethyl ether	20.4		µg/kg wet		20.0		102	64.9-123		
Tert-amyl methyl ether	21.4		µg/kg wet		20.0		107	70-130		
Ethyl tert-butyl ether	22.8		µg/kg wet		20.0		114	70-130		
Di-isopropyl ether	21.4		µg/kg wet		20.0		107	70-130		
Tert-Butanol / butyl alcohol	193		µg/kg wet		200		96.5	70-130		
1,4-Dioxane	159		µg/kg wet		200		79.5	40-134		
Surrogate: 4-Bromofluorobenzene	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.8*		µg/kg wet		*50.0*		*97.6*	*70-130*		
Surrogate: Dibromofluoromethane	*51.5*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS Dup (6121743-BSD1)										
Prepared & Analyzed: 21-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.1		µg/kg wet		20.0		100	70-130	3.92	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121743 - SW846 5035A Soil (low level)										
LCS Dup (6121743-BSD1)										
Prepared & Analyzed: 21-Dec-06										
Acetone	17.3		µg/kg wet		20.0		86.5	3.31-159	18.4	50
Acrylonitrile	20.8		µg/kg wet		20.0		104	70-130	1.90	25
Benzene	20.6		µg/kg wet		20.0		103	70-130	2.87	25
Bromobenzene	21.9		µg/kg wet		20.0		110	70-130	1.80	25
Bromochloromethane	21.3		µg/kg wet		20.0		106	70-130	3.70	25
Bromodichloromethane	22.2		µg/kg wet		20.0		111	70-130	2.67	25
Bromoform	20.7		µg/kg wet		20.0		104	70-130	5.61	25
Bromomethane	19.7		µg/kg wet		20.0		98.5	50-140	7.33	50
2-Butanone (MEK)	21.6		µg/kg wet		20.0		108	47.7-127	7.14	50
n-Butylbenzene	20.5		µg/kg wet		20.0		102	70-130	3.85	25
sec-Butylbenzene	21.0		µg/kg wet		20.0		105	70-130	2.82	25
tert-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130	2.74	25
Carbon disulfide	19.3		µg/kg wet		20.0		96.5	70-130	2.05	25
Carbon tetrachloride	20.6		µg/kg wet		20.0		103	70-130	0.966	25
Chlorobenzene	21.7		µg/kg wet		20.0		108	70-130	1.83	25
Chloroethane	18.8		µg/kg wet		20.0		94.0	55.9-135	4.68	50
Chloroform	21.0		µg/kg wet		20.0		105	70-130	5.56	25
Chloromethane	19.3		µg/kg wet		20.0		96.5	70-130	4.56	25
2-Chlorotoluene	21.4		µg/kg wet		20.0		107	70-130	6.33	25
4-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130	5.50	25
1,2-Dibromo-3-chloropropane	19.9		µg/kg wet		20.0		99.5	70-130	6.33	25
Dibromochloromethane	21.5		µg/kg wet		20.0		108	72-125	3.64	50
1,2-Dibromoethane (EDB)	21.5		µg/kg wet		20.0		108	70-130	1.83	25
Dibromomethane	20.5		µg/kg wet		20.0		102	70-130	3.85	25
1,2-Dichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	3.64	25
1,3-Dichlorobenzene	22.0		µg/kg wet		20.0		110	70-130	1.80	25
1,4-Dichlorobenzene	20.9		µg/kg wet		20.0		104	70-130	3.77	25
Dichlorodifluoromethane (Freon12)	18.2		µg/kg wet		20.0		91.0	42.3-190	0.548	50
1,1-Dichloroethane	20.9		µg/kg wet		20.0		104	70-130	5.61	25
1,2-Dichloroethane	20.8		µg/kg wet		20.0		104	70-130	1.90	25
1,1-Dichloroethene	18.2		µg/kg wet		20.0		91.0	70-130	3.24	25
cis-1,2-Dichloroethene	21.6		µg/kg wet		20.0		108	70-130	6.28	25
trans-1,2-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130	3.77	25
1,2-Dichloropropane	21.6		µg/kg wet		20.0		108	70-130	5.41	25
1,3-Dichloropropane	20.9		µg/kg wet		20.0		104	70-130	5.61	25
2,2-Dichloropropane	19.7		µg/kg wet		20.0		98.5	70-130	4.47	25
1,1-Dichloropropene	20.1		µg/kg wet		20.0		100	70-130	5.83	25
cis-1,3-Dichloropropene	21.5		µg/kg wet		20.0		108	70-130	3.64	25
trans-1,3-Dichloropropene	21.8		µg/kg wet		20.0		109	70-130	2.71	25
Ethylbenzene	21.1		µg/kg wet		20.0		106	70-130	1.87	25
Hexachlorobutadiene	20.5		µg/kg wet		20.0		102	70-137	2.90	50
2-Hexanone (MBK)	19.6		µg/kg wet		20.0		98.0	70-130	7.84	25
Isopropylbenzene	20.3		µg/kg wet		20.0		102	70-130	1.94	25
4-Isopropyltoluene	21.2		µg/kg wet		20.0		106	70-130	3.70	25
Methyl tert-butyl ether	21.2		µg/kg wet		20.0		106	70-130	3.70	25
4-Methyl-2-pentanone (MIBK)	20.2		µg/kg wet		20.0		101	48.5-127	4.83	50
Methylene chloride	19.6		µg/kg wet		20.0		98.0	70-130	3.02	25
Naphthalene	16.4		µg/kg wet		20.0		82.0	70-130	7.06	25
n-Propylbenzene	20.6		µg/kg wet		20.0		103	70-130	0.00	25
Styrene	21.9		µg/kg wet		20.0		110	70-130	2.69	25
1,1,1,2-Tetrachloroethane	21.0		µg/kg wet		20.0		105	70-130	6.45	25
1,1,2,2-Tetrachloroethane	20.8		µg/kg wet		20.0		104	70-130	2.84	25
Tetrachloroethene	20.7		µg/kg wet		20.0		104	70-130	1.90	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121743 - SW846 5035A Soil (low level)										
LCS Dup (6121743-BSD1)										
Prepared & Analyzed: 21-Dec-06										
Toluene	20.0		µg/kg wet		20.0		100	70-130	4.88	25
1,2,3-Trichlorobenzene	17.3		µg/kg wet		20.0		86.5	70-130	6.16	25
1,2,4-Trichlorobenzene	17.7		µg/kg wet		20.0		88.5	70-130	5.49	25
1,1,1-Trichloroethane	20.5		µg/kg wet		20.0		102	70-130	3.85	25
1,1,2-Trichloroethane	22.2		µg/kg wet		20.0		111	70-130	2.67	25
Trichloroethene	20.2		µg/kg wet		20.0		101	70-130	4.83	25
Trichlorofluoromethane (Freon 11)	19.2		µg/kg wet		20.0		96.0	66.5-144	1.04	50
1,2,3-Trichloropropane	23.3		µg/kg wet		20.0		116	70-130	2.55	25
1,2,4-Trimethylbenzene	21.1		µg/kg wet		20.0		106	70-130	5.50	25
1,3,5-Trimethylbenzene	21.4		µg/kg wet		20.0		107	70-130	2.76	25
Vinyl chloride	19.8		µg/kg wet		20.0		99.0	70-130	2.99	25
m,p-Xylene	43.0		µg/kg wet		40.0		108	70-130	1.83	25
o-Xylene	21.9		µg/kg wet		20.0		110	70-130	1.80	25
Tetrahydrofuran	21.4		µg/kg wet		20.0		107	70-130	4.78	25
Ethyl ether	19.4		µg/kg wet		20.0		97.0	64.9-123	5.03	50
Tert-amyl methyl ether	19.9		µg/kg wet		20.0		99.5	70-130	7.26	25
Ethyl tert-butyl ether	21.7		µg/kg wet		20.0		108	70-130	5.41	25
Di-isopropyl ether	20.4		µg/kg wet		20.0		102	70-130	4.78	25
Tert-Butanol / butyl alcohol	207		µg/kg wet		200		104	70-130	7.48	25
1,4-Dioxane	233	QR5	µg/kg wet		200		116	40-134	37.3	25
Surrogate: 4-Bromofluorobenzene	*51.3*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*49.7*		µg/kg wet		*50.0*		*99.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.4*		µg/kg wet		*50.0*		*96.8*	*70-130*		
Surrogate: Dibromofluoromethane	*50.5*		µg/kg wet		*50.0*		*101*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121434 - SW846 3510C										
Blank (6121434-BLK1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
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	*0.0529*		mg/l		*0.0500*		*106*	*40-140*		
LCS (6121434-BS1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
C9-C36 Aliphatic Hydrocarbons	1.4		mg/l	0.05	1.40		100	60-120		
Surrogate: 1-Chlorooctadecane	*0.0556*		mg/l		*0.0500*		*111*	*60-120*		
Matrix Spike (6121434-MS1) **Source: SA55713-05**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
C9-C36 Aliphatic Hydrocarbons	1.4		mg/l	0.06	1.75	BRL	80.0	50-150		
Surrogate: 1-Chlorooctadecane	*0.0608*		mg/l		*0.0625*		*97.3*	*40-140*		
Matrix Spike Dup (6121434-MSD1) **Source: SA55713-05**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
C9-C36 Aliphatic Hydrocarbons	1.6		mg/l	0.06	1.75	BRL	91.4	50-150	13.3	30
Surrogate: 1-Chlorooctadecane	*0.0665*		mg/l		*0.0625*		*106*	*40-140*		
Batch 6121534 - SW846 3550B										
Blank (6121534-BLK1)										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.53*		mg/kg wet		*3.33*		*76.0*	*40-140*		
LCS (6121534-BS1)										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
C9-C36 Aliphatic Hydrocarbons	80.2		mg/kg wet	13.3	93.3		86.0	60-120		
Surrogate: 1-Chlorooctadecane	*3.39*		mg/kg wet		*3.33*		*102*	*60-120*		
Duplicate (6121534-DUP1) **Source: SA55782-02**										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
Gasoline	BRL		mg/kg dry	27.7		BRL				50
Fuel Oil #2	BRL		mg/kg dry	27.7		BRL				50
Fuel Oil #4	BRL		mg/kg dry	27.7		BRL				50
Fuel Oil #6	BRL		mg/kg dry	27.7		BRL				50
Motor Oil	BRL		mg/kg dry	27.7		BRL				50
Aviation Fuel	BRL		mg/kg dry	27.7		BRL				50

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121534 - SW846 3550B										
Duplicate (6121534-DUP1) **Source: SA55782-02**										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
Unidentified	BRL		mg/kg dry	27.7		BRL				50
Other Oil	BRL		mg/kg dry	27.7		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	27.7		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	27.7		BRL				50
Surrogate: 1-Chlorooctadecane	*2.95*		mg/kg dry		*3.47*		*85.0*	*40-140*		
Matrix Spike (6121534-MS1) **Source: SA55782-02**										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
C9-C36 Aliphatic Hydrocarbons	81.9		mg/kg dry	13.8	96.8	BRL	84.6	50-150		
Surrogate: 1-Chlorooctadecane	*3.40*		mg/kg dry		*3.46*		*98.3*	*40-140*		
Matrix Spike Dup (6121534-MSD1) **Source: SA55782-02**										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
C9-C36 Aliphatic Hydrocarbons	86.3		mg/kg dry	13.9	97.4	BRL	88.6	50-150	4.62	30
Surrogate: 1-Chlorooctadecane	*3.64*		mg/kg dry		*3.48*		*105*	*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 6121299 - SW846 3510C										
Blank (6121299-BLK1)										
Prepared & Analyzed: 18-Dec-06										
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)	*0.170*		µg/l		*0.200*		*85.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.290*		µg/l		*0.200*		*145*	*30-150*		
LCS (6121299-BS1)										
Prepared & Analyzed: 18-Dec-06										
PCB 1016	2.81		µg/l	0.200	2.50		112	40-140		
PCB 1260	2.77		µg/l	0.200	2.50		111	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.160*		µg/l		*0.200*		*80.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.230*		µg/l		*0.200*		*115*	*30-150*		
LCS Dup (6121299-BSD1)										
Prepared & Analyzed: 18-Dec-06										
PCB 1016	2.74		µg/l	0.200	2.50		110	40-140	1.80	20
PCB 1260	2.67		µg/l	0.200	2.50		107	40-140	3.67	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.160*		µg/l		*0.200*		*80.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.240*		µg/l		*0.200*		*120*	*30-150*		
Batch 6121300 - SW846 3510C										
Blank (6121300-BLK1)										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Aldrin	BRL		µg/l	0.010						
a-BHC	BRL		µg/l	0.010						
b-BHC	BRL		µg/l	0.010						
d-BHC	BRL		µg/l	0.010						
g-BHC (Lindane)	BRL		µg/l	0.010						
Chlordane	BRL		µg/l	0.050						
4,4-DDD (p,p')	BRL		µg/l	0.010						
4,4-DDE (p,p')	BRL		µg/l	0.010						
4,4-DDT (p,p')	BRL		µg/l	0.010						
Dieldrin	BRL		µg/l	0.002						
Endosulfan I	BRL		µg/l	0.010						
Endosulfan II	BRL		µg/l	0.010						
Endosulfan Sulfate	BRL		µg/l	0.010						
Endrin	BRL		µg/l	0.010						
Endrin Aldehyde	BRL		µg/l	0.010						
Heptachlor	BRL		µg/l	0.010						
Methoxychlor	BRL		µg/l	0.010						
Heptachlor Epoxide	BRL		µg/l	0.010						
Toxaphene	BRL		µg/l	0.050						
a-Chlordane	BRL		µg/l	0.010						
g-Chlordane	BRL		µg/l	0.010						
Endrin Ketone	BRL		µg/l	0.010						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0132*		µg/l		*0.0200*		*66.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0204*		µg/l		*0.0200*		*102*	*30-150*		
LCS (6121300-BS1)										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121300 - SW846 3510C										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Aldrin	0.016		µg/l	0.010	0.0200		80.0	40-140		
a-BHC	0.014		µg/l	0.010	0.0200		70.0	40-140		
b-BHC	0.015		µg/l	0.010	0.0200		75.0	40-140		
d-BHC	0.009		µg/l	0.010	0.0200		45.0	40-140		
g-BHC (Lindane)	0.016		µg/l	0.010	0.0200		80.0	40-140		
4,4-DDD (p,p')	0.015		µg/l	0.010	0.0200		75.0	40-140		
4,4-DDE (p,p')	0.014		µg/l	0.010	0.0200		70.0	40-140		
4,4-DDT (p,p')	0.018		µg/l	0.010	0.0200		90.0	40-140		
Dieldrin	0.014		µg/l	0.002	0.0200		70.0	40-140		
Endosulfan I	0.010		µg/l	0.010	0.0200		50.0	40-140		
Endosulfan II	0.012		µg/l	0.010	0.0200		60.0	40-140		
Endosulfan Sulfate	0.013		µg/l	0.010	0.0200		65.0	40-140		
Endrin	0.017		µg/l	0.010	0.0200		85.0	40-140		
Endrin Aldehyde	0.019		µg/l	0.010	0.0200		95.0	40-140		
Heptachlor	0.017		µg/l	0.010	0.0200		85.0	40-140		
Methoxychlor	0.016		µg/l	0.010	0.0200		80.0	40-140		
Heptachlor Epoxide	0.017		µg/l	0.010	0.0200		85.0	40-140		
a-Chlordane	0.017		µg/l	0.010	0.0200		85.0	40-140		
g-Chlordane	0.017		µg/l	0.010	0.0200		85.0	40-140		
Endrin Ketone	0.017		µg/l	0.010	0.0200		85.0	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0149*		µg/l		*0.0200*		*74.5*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0207*		µg/l		*0.0200*		*104*	*40-140*		
LCS Dup (6121300-BSD1)										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Aldrin	0.015		µg/l	0.010	0.0200		75.0	40-140	6.45	20
a-BHC	0.014		µg/l	0.010	0.0200		70.0	40-140	0.00	20
b-BHC	0.015		µg/l	0.010	0.0200		75.0	40-140	0.00	20
d-BHC	0.008		µg/l	0.010	0.0200		40.0	40-140	11.8	20
g-BHC (Lindane)	0.015		µg/l	0.010	0.0200		75.0	40-140	6.45	20
4,4-DDD (p,p')	0.015		µg/l	0.010	0.0200		75.0	40-140	0.00	20
4,4-DDE (p,p')	0.014		µg/l	0.010	0.0200		70.0	40-140	0.00	20
4,4-DDT (p,p')	0.017		µg/l	0.010	0.0200		85.0	40-140	5.71	20
Dieldrin	0.014		µg/l	0.002	0.0200		70.0	40-140	0.00	20
Endosulfan I	0.009		µg/l	0.010	0.0200		45.0	40-140	10.5	20
Endosulfan II	0.014		µg/l	0.010	0.0200		70.0	40-140	15.4	20
Endosulfan Sulfate	0.013		µg/l	0.010	0.0200		65.0	40-140	0.00	20
Endrin	0.017		µg/l	0.010	0.0200		85.0	40-140	0.00	20
Endrin Aldehyde	0.018		µg/l	0.010	0.0200		90.0	40-140	5.41	20
Heptachlor	0.016		µg/l	0.010	0.0200		80.0	40-140	6.06	20
Methoxychlor	0.017		µg/l	0.010	0.0200		85.0	40-140	6.06	20
Heptachlor Epoxide	0.016		µg/l	0.010	0.0200		80.0	40-140	6.06	20
a-Chlordane	0.016		µg/l	0.010	0.0200		80.0	40-140	6.06	20
g-Chlordane	0.017		µg/l	0.010	0.0200		85.0	40-140	0.00	20
Endrin Ketone	0.016		µg/l	0.010	0.0200		80.0	40-140	6.06	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0145*		µg/l		*0.0200*		*72.5*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0219*		µg/l		*0.0200*		*110*	*40-140*		
Batch 6121442 - SW846 3545A										
Blank (6121442-BLK1)										
Prepared & Analyzed: 19-Dec-06										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121442 - SW846 3545A										
Blank (6121442-BLK1)										
Prepared & Analyzed: 19-Dec-06										
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.9*		µg/kg wet		*28.6*		*80.1*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*34.3*		µg/kg wet		*28.6*		*120*	*30-150*		
LCS (6121442-BS1)										
Prepared & Analyzed: 19-Dec-06										
PCB 1016	383		µg/kg wet	28.6	357		107	40-140		
PCB 1260	369		µg/kg wet	28.6	357		103	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.4*		µg/kg wet		*28.6*		*74.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*34.3*		µg/kg wet		*28.6*		*120*	*30-150*		
LCS Dup (6121442-BSD1)										
Prepared & Analyzed: 19-Dec-06										
PCB 1016	413		µg/kg wet	28.6	357		116	40-140	8.07	30
PCB 1260	417		µg/kg wet	28.6	357		117	40-140	12.7	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.9*		µg/kg wet		*28.6*		*80.1*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*32.9*		µg/kg wet		*28.6*		*115*	*30-150*		
Duplicate (6121442-DUP1) **Source: SA55566-06**										
Prepared & Analyzed: 19-Dec-06										
PCB 1016	BRL		µg/kg dry	34.0		BRL				40
PCB 1221	BRL		µg/kg dry	34.0		BRL				40
PCB 1232	BRL		µg/kg dry	34.0		BRL				40
PCB 1242	BRL		µg/kg dry	34.0		BRL				40
PCB 1248	BRL		µg/kg dry	34.0		BRL				40
PCB 1254	BRL		µg/kg dry	34.0		BRL				40
PCB 1260	BRL		µg/kg dry	34.0		BRL				40
PCB 1262	BRL		µg/kg dry	34.0		BRL				40
PCB 1268	BRL		µg/kg dry	34.0		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*34.0*		µg/kg dry		*34.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*40.8*		µg/kg dry		*34.0*		*120*	*30-150*		
Matrix Spike (6121442-MS1) **Source: SA55566-06**										
Prepared & Analyzed: 19-Dec-06										
PCB 1016	416		µg/kg dry	32.8	410	BRL	101	40-140		
PCB 1260	448		µg/kg dry	32.8	410	BRL	109	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.0*		µg/kg dry		*32.8*		*70.1*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*44.3*		µg/kg dry		*32.8*		*135*	*30-150*		
Matrix Spike Dup (6121442-MSD1) **Source: SA55566-06**										
Prepared & Analyzed: 19-Dec-06										
PCB 1016	445		µg/kg dry	33.3	416	BRL	107	40-140	5.77	50
PCB 1260	430		µg/kg dry	33.3	416	BRL	103	40-140	5.66	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*31.6*		µg/kg dry		*33.3*		*94.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*46.6*		µg/kg dry		*33.3*		*140*	*30-150*		
Batch 6121443 - SW846 3550B										
Blank (6121443-BLK1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Aldrin	BRL		µg/kg wet	14.3						
a-BHC	BRL		µg/kg wet	14.3						
b-BHC	BRL		µg/kg wet	14.3						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121443 - SW846 3550B										
Blank (6121443-BLK1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
d-BHC	BRL		µg/kg wet	14.3						
g-BHC (Lindane)	BRL		µg/kg wet	14.3						
Chlordane	BRL		µg/kg wet	71.5						
4,4-DDD (p,p')	BRL		µg/kg wet	14.3						
4,4-DDE (p,p')	BRL		µg/kg wet	14.3						
4,4-DDT (p,p')	BRL		µg/kg wet	14.3						
Dieldrin	BRL		µg/kg wet	14.3						
Endosulfan I	BRL		µg/kg wet	14.3						
Endosulfan II	BRL		µg/kg wet	14.3						
Endosulfan Sulfate	BRL		µg/kg wet	14.3						
Endrin	BRL		µg/kg wet	14.3						
Endrin Aldehyde	BRL		µg/kg wet	14.3						
Heptachlor	BRL		µg/kg wet	14.3						
Methoxychlor	BRL		µg/kg wet	14.3						
Heptachlor Epoxide	BRL		µg/kg wet	14.3						
Toxaphene	BRL		µg/kg wet	71.5						
a-Chlordane	BRL		µg/kg wet	14.3						
g-Chlordane	BRL		µg/kg wet	14.3						
Endrin Ketone	BRL		µg/kg wet	14.3						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.1*		µg/kg wet		*28.6*		*80.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*29.7*		µg/kg wet		*28.6*		*104*	*30-150*		
LCS (6121443-BS1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Aldrin	27.2		µg/kg wet	14.3	28.6		95.1	40-140		
a-BHC	24.4		µg/kg wet	14.3	28.6		85.3	40-140		
b-BHC	29.1		µg/kg wet	14.3	28.6		102	40-140		
d-BHC	12.4		µg/kg wet	14.3	28.6		43.4	40-140		
g-BHC (Lindane)	25.1		µg/kg wet	14.3	28.6		87.8	40-140		
4,4-DDD (p,p')	26.7		µg/kg wet	14.3	28.6		93.4	40-140		
4,4-DDE (p,p')	25.7		µg/kg wet	14.3	28.6		89.9	40-140		
4,4-DDT (p,p')	27.8		µg/kg wet	14.3	28.6		97.2	40-140		
Dieldrin	28.5		µg/kg wet	14.3	28.6		99.7	40-140		
Endosulfan I	15.4		µg/kg wet	14.3	28.6		53.8	40-140		
Endosulfan II	18.0		µg/kg wet	14.3	28.6		62.9	40-140		
Endosulfan Sulfate	24.5		µg/kg wet	14.3	28.6		85.7	40-140		
Endrin	26.7		µg/kg wet	14.3	28.6		93.4	40-140		
Endrin Aldehyde	28.9		µg/kg wet	14.3	28.6		101	40-140		
Heptachlor	26.6		µg/kg wet	14.3	28.6		93.0	40-140		
Methoxychlor	23.4		µg/kg wet	14.3	28.6		81.8	40-140		
Heptachlor Epoxide	28.3		µg/kg wet	14.3	28.6		99.0	40-140		
a-Chlordane	29.6		µg/kg wet	14.3	28.6		103	40-140		
g-Chlordane	28.4		µg/kg wet	14.3	28.6		99.3	40-140		
Endrin Ketone	29.3		µg/kg wet	14.3	28.6		102	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.3*		µg/kg wet		*28.6*		*81.5*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*34.4*		µg/kg wet		*28.6*		*120*	*40-140*		
LCS Dup (6121443-BSD1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Aldrin	26.9		µg/kg wet	14.3	28.6		94.1	40-140	1.06	30
a-BHC	24.3		µg/kg wet	14.3	28.6		85.0	40-140	0.352	30
b-BHC	27.3		µg/kg wet	14.3	28.6		95.5	40-140	6.58	30
d-BHC	12.6		µg/kg wet	14.3	28.6		44.1	40-140	1.60	30
g-BHC (Lindane)	25.8		µg/kg wet	14.3	28.6		90.2	40-140	2.70	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121443 - SW846 3550B										
LCS Dup (6121443-BSD1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
4,4-DDD (p,p')	28.1		µg/kg wet	14.3	28.6		98.3	40-140	5.11	30
4,4-DDE (p,p')	25.2		µg/kg wet	14.3	28.6		88.1	40-140	2.02	30
4,4-DDT (p,p')	28.8		µg/kg wet	14.3	28.6		101	40-140	3.83	30
Dieldrin	29.3		µg/kg wet	14.3	28.6		102	40-140	2.28	30
Endosulfan I	15.2		µg/kg wet	14.3	28.6		53.1	40-140	1.31	30
Endosulfan II	19.3		µg/kg wet	14.3	28.6		67.5	40-140	7.06	30
Endosulfan Sulfate	22.6		µg/kg wet	14.3	28.6		79.0	40-140	8.14	30
Endrin	28.4		µg/kg wet	14.3	28.6		99.3	40-140	6.12	30
Endrin Aldehyde	32.6		µg/kg wet	14.3	28.6		114	40-140	12.1	30
Heptachlor	26.7		µg/kg wet	14.3	28.6		93.4	40-140	0.429	30
Methoxychlor	22.1		µg/kg wet	14.3	28.6		77.3	40-140	5.66	30
Heptachlor Epoxide	29.1		µg/kg wet	14.3	28.6		102	40-140	2.99	30
a-Chlordane	30.2		µg/kg wet	14.3	28.6		106	40-140	2.87	30
g-Chlordane	29.8		µg/kg wet	14.3	28.6		104	40-140	4.62	30
Endrin Ketone	31.4		µg/kg wet	14.3	28.6		110	40-140	7.55	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.6*		µg/kg wet		*28.6*		*82.5*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*36.4*		µg/kg wet		*28.6*		*127*	*40-140*		
Duplicate (6121443-DUP1) **Source: SA55695-18**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Aldrin	BRL		µg/kg dry	17.1		BRL				30
a-BHC	BRL		µg/kg dry	17.1		BRL				30
b-BHC	BRL		µg/kg dry	17.1		BRL				30
d-BHC	BRL		µg/kg dry	17.1		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	17.1		BRL				30
Chlordane	123		µg/kg dry	85.6		137			10.8	30
4,4-DDD (p,p')	391		µg/kg dry	17.1		471			18.6	30
4,4-DDE (p,p')	84.5		µg/kg dry	17.1		85.6			1.29	30
4,4-DDT (p,p')	83.0		µg/kg dry	17.1		93.6			12.0	30
Dieldrin	14.3	J	µg/kg dry	17.1		15.9			10.6	30
Endosulfan I	BRL		µg/kg dry	17.1		BRL				30
Endosulfan II	BRL		µg/kg dry	17.1		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	17.1		BRL				30
Endrin	BRL		µg/kg dry	17.1		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	17.1		BRL				30
Heptachlor	BRL		µg/kg dry	17.1		BRL				30
Methoxychlor	BRL		µg/kg dry	17.1		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	17.1		BRL				30
Toxaphene	BRL		µg/kg dry	85.6		BRL				30
a-Chlordane	13.1	J	µg/kg dry	17.1		14.8			12.2	30
g-Chlordane	16.8	J	µg/kg dry	17.1		13.6			21.1	30
Endrin Ketone	BRL		µg/kg dry	17.1		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*31.0*		µg/kg dry		*34.2*		*90.6*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*41.0*		µg/kg dry		*34.2*		*120*	*30-150*		
Matrix Spike (6121443-MS1) **Source: SA55695-18**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Aldrin	34.3		µg/kg dry	17.1	34.2	BRL	100	30-150		
a-BHC	30.5		µg/kg dry	17.1	34.2	BRL	89.2	30-150		
b-BHC	32.9		µg/kg dry	17.1	34.2	BRL	96.2	30-150		
d-BHC	15.9		µg/kg dry	17.1	34.2	BRL	46.5	30-150		
g-BHC (Lindane)	33.5		µg/kg dry	17.1	34.2	BRL	98.0	30-150		
4,4-DDD (p,p')	548	QM2	µg/kg dry	17.1	34.2	471	225	30-150		
4,4-DDE (p,p')	144	QM2	µg/kg dry	17.1	34.2	85.6	171	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 6121443 - SW846 3550B										
Matrix Spike (6121443-MS1) **Source: SA55695-18**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
4,4-DDT (p,p')	207	QM2	µg/kg dry	17.1	34.2	93.6	332	30-150		
Dieldrin	54.9		µg/kg dry	17.1	34.2	15.9	114	30-150		
Endosulfan I	20.0		µg/kg dry	17.1	34.2	BRL	58.5	30-150		
Endosulfan II	26.5		µg/kg dry	17.1	34.2	BRL	77.5	30-150		
Endosulfan Sulfate	29.7		µg/kg dry	17.1	34.2	BRL	86.8	30-150		
Endrin	36.6		µg/kg dry	17.1	34.2	BRL	107	30-150		
Endrin Aldehyde	40.4		µg/kg dry	17.1	34.2	BRL	118	30-150		
Heptachlor	33.7		µg/kg dry	17.1	34.2	BRL	98.5	30-150		
Methoxychlor	40.5		µg/kg dry	17.1	34.2	BRL	118	30-150		
Heptachlor Epoxide	37.4		µg/kg dry	17.1	34.2	BRL	109	30-150		
a-Chlordane	53.7		µg/kg dry	17.1	34.2	14.8	114	30-150		
g-Chlordane	47.0		µg/kg dry	17.1	34.2	13.6	97.7	30-150		
Endrin Ketone	35.9		µg/kg dry	17.1	34.2	BRL	105	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*32.9*		µg/kg dry		*34.2*		*96.2*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*43.0*		µg/kg dry		*34.2*		*126*	*30-150*		
Matrix Spike Dup (6121443-MSD1) **Source: SA55695-18**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Aldrin	30.1		µg/kg dry	17.2	34.4	BRL	87.5	30-150	13.3	30
a-BHC	25.8		µg/kg dry	17.2	34.4	BRL	75.0	30-150	17.3	30
b-BHC	30.2		µg/kg dry	17.2	34.4	BRL	87.8	30-150	9.13	30
d-BHC	15.0		µg/kg dry	17.2	34.4	BRL	43.6	30-150	6.44	30
g-BHC (Lindane)	29.1		µg/kg dry	17.2	34.4	BRL	84.6	30-150	14.7	30
4,4-DDD (p,p')	516	QM2	µg/kg dry	17.2	34.4	471	131	30-150	52.8	30
4,4-DDE (p,p')	130	QM2	µg/kg dry	17.2	34.4	85.6	129	30-150	28.0	30
4,4-DDT (p,p')	152	QM2	µg/kg dry	17.2	34.4	93.6	170	30-150	64.5	30
Dieldrin	46.3		µg/kg dry	17.2	34.4	15.9	88.4	30-150	25.3	30
Endosulfan I	19.2		µg/kg dry	17.2	34.4	BRL	55.8	30-150	4.72	30
Endosulfan II	26.6		µg/kg dry	17.2	34.4	BRL	77.3	30-150	0.258	30
Endosulfan Sulfate	25.8		µg/kg dry	17.2	34.4	BRL	75.0	30-150	14.6	30
Endrin	40.0		µg/kg dry	17.2	34.4	BRL	116	30-150	8.07	30
Endrin Aldehyde	35.6		µg/kg dry	17.2	34.4	BRL	103	30-150	13.6	30
Heptachlor	30.0		µg/kg dry	17.2	34.4	BRL	87.2	30-150	12.2	30
Methoxychlor	34.4		µg/kg dry	17.2	34.4	BRL	100	30-150	16.5	30
Heptachlor Epoxide	34.9		µg/kg dry	17.2	34.4	BRL	101	30-150	7.62	30
a-Chlordane	49.6		µg/kg dry	17.2	34.4	14.8	101	30-150	12.1	50
g-Chlordane	58.7		µg/kg dry	17.2	34.4	13.6	131	30-150	29.1	50
Endrin Ketone	34.0		µg/kg dry	17.2	34.4	BRL	98.8	30-150	6.08	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*25.4*		µg/kg dry		*34.4*		*73.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*43.6*		µg/kg dry		*34.4*		*127*	*30-150*		
Batch 6121532 - SW846 3545A										
Blank (6121532-BLK1)										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.9*		µg/kg wet		*28.6*		*80.1*	*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 6121532 - SW846 3545A										
Blank (6121532-BLK1)										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
Surrogate: Decachlorobiphenyl (Sr)	*28.6*		µg/kg wet		*28.6*		*100*	*30-150*		
LCS (6121532-BS1)										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
PCB 1016	330		µg/kg wet	28.6	357		92.4	40-140		
PCB 1260	380		µg/kg wet	28.6	357		106	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.9*		µg/kg wet		*28.6*		*80.1*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.1*		µg/kg wet		*28.6*		*94.8*	*30-150*		
LCS Dup (6121532-BSD1)										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
PCB 1016	357		µg/kg wet	28.6	357		100	40-140	7.90	30
PCB 1260	411		µg/kg wet	28.6	357		115	40-140	8.14	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.9*		µg/kg wet		*28.6*		*80.1*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.6*		µg/kg wet		*28.6*		*100*	*30-150*		
Duplicate (6121532-DUP1) **Source: SA55780-15**										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
PCB 1016	BRL		µg/kg dry	30.5		BRL				40
PCB 1221	BRL		µg/kg dry	30.5		BRL				40
PCB 1232	BRL		µg/kg dry	30.5		BRL				40
PCB 1242	BRL		µg/kg dry	30.5		BRL				40
PCB 1248	BRL		µg/kg dry	30.5		BRL				40
PCB 1254	BRL		µg/kg dry	30.5		BRL				40
PCB 1260	BRL		µg/kg dry	30.5		BRL				40
PCB 1262	BRL		µg/kg dry	30.5		BRL				40
PCB 1268	BRL		µg/kg dry	30.5		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*24.4*		µg/kg dry		*30.5*		*80.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.9*		µg/kg dry		*30.5*		*94.8*	*30-150*		
Matrix Spike (6121532-MS1) **Source: SA55780-15**										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
PCB 1016	329		µg/kg dry	31.0	388	BRL	84.8	40-140		
PCB 1260	354		µg/kg dry	31.0	388	BRL	91.2	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*24.8*		µg/kg dry		*31.0*		*80.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.9*		µg/kg dry		*31.0*		*90.0*	*30-150*		
Matrix Spike Dup (6121532-MSD1) **Source: SA55780-15**										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
PCB 1016	327		µg/kg dry	31.1	389	BRL	84.1	40-140	0.829	50
PCB 1260	341		µg/kg dry	31.1	389	BRL	87.7	40-140	3.91	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*24.9*		µg/kg dry		*31.1*		*80.1*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.0*		µg/kg dry		*31.1*		*90.0*	*30-150*		
Batch 6121676 - SW846 3550B										
Blank (6121676-BLK1)										
Prepared & Analyzed: 21-Dec-06										
Aldrin	BRL		µg/kg wet	5.00						
a-BHC	BRL		µg/kg wet	5.00						
b-BHC	BRL		µg/kg wet	5.00						
d-BHC	BRL		µg/kg wet	5.00						
g-BHC (Lindane)	BRL		µg/kg wet	5.00						
Chlordane	BRL		µg/kg wet	25.0						
4,4-DDD (p,p')	BRL		µg/kg wet	5.00						
4,4-DDE (p,p')	BRL		µg/kg wet	5.00						
4,4-DDT (p,p')	BRL		µg/kg wet	5.00						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121676 - SW846 3550B										
Blank (6121676-BLK1)										
Prepared & Analyzed: 21-Dec-06										
Dieldrin	BRL		µg/kg wet	5.00						
Endosulfan I	BRL		µg/kg wet	5.00						
Endosulfan II	BRL		µg/kg wet	5.00						
Endosulfan Sulfate	BRL		µg/kg wet	5.00						
Endrin	BRL		µg/kg wet	5.00						
Endrin Aldehyde	BRL		µg/kg wet	5.00						
Heptachlor	BRL		µg/kg wet	5.00						
Methoxychlor	BRL		µg/kg wet	5.00						
Heptachlor Epoxide	BRL		µg/kg wet	5.00						
Toxaphene	BRL		µg/kg wet	25.0						
a-Chlordane	BRL		µg/kg wet	5.00						
g-Chlordane	BRL		µg/kg wet	5.00						
Endrin Ketone	BRL		µg/kg wet	5.00						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*9.78*		µg/kg wet		*10.0*		*97.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*11.0*		µg/kg wet		*10.0*		*110*	*30-150*		
LCS (6121676-BS1)										
Prepared & Analyzed: 21-Dec-06										
Aldrin	8.10		µg/kg wet	5.00	10.0		81.0	40-140		
a-BHC	8.09		µg/kg wet	5.00	10.0		80.9	40-140		
b-BHC	9.23		µg/kg wet	5.00	10.0		92.3	40-140		
d-BHC	4.14		µg/kg wet	5.00	10.0		41.4	40-140		
g-BHC (Lindane)	8.33		µg/kg wet	5.00	10.0		83.3	40-140		
4,4-DDD (p,p')	8.37		µg/kg wet	5.00	10.0		83.7	40-140		
4,4-DDE (p,p')	8.29		µg/kg wet	5.00	10.0		82.9	40-140		
4,4-DDT (p,p')	8.03		µg/kg wet	5.00	10.0		80.3	40-140		
Dieldrin	8.86		µg/kg wet	5.00	10.0		88.6	40-140		
Endosulfan I	4.90		µg/kg wet	5.00	10.0		49.0	40-140		
Endosulfan II	5.95		µg/kg wet	5.00	10.0		59.5	40-140		
Endosulfan Sulfate	6.67		µg/kg wet	5.00	10.0		66.7	40-140		
Endrin	8.29		µg/kg wet	5.00	10.0		82.9	40-140		
Endrin Aldehyde	8.44		µg/kg wet	5.00	10.0		84.4	40-140		
Heptachlor	8.88		µg/kg wet	5.00	10.0		88.8	40-140		
Methoxychlor	8.61		µg/kg wet	5.00	10.0		86.1	40-140		
Heptachlor Epoxide	8.33		µg/kg wet	5.00	10.0		83.3	40-140		
a-Chlordane	8.95		µg/kg wet	5.00	10.0		89.5	40-140		
g-Chlordane	8.24		µg/kg wet	5.00	10.0		82.4	40-140		
Endrin Ketone	8.76		µg/kg wet	5.00	10.0		87.6	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*9.43*		µg/kg wet		*10.0*		*94.3*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*11.1*		µg/kg wet		*10.0*		*111*	*40-140*		
LCS Dup (6121676-BSD1)										
Prepared & Analyzed: 21-Dec-06										
Aldrin	9.03		µg/kg wet	5.00	10.0		90.3	40-140	10.9	30
a-BHC	8.83		µg/kg wet	5.00	10.0		88.3	40-140	8.75	30
b-BHC	10.0		µg/kg wet	5.00	10.0		100	40-140	8.01	30
d-BHC	4.41		µg/kg wet	5.00	10.0		44.1	40-140	6.32	30
g-BHC (Lindane)	9.26		µg/kg wet	5.00	10.0		92.6	40-140	10.6	30
4,4-DDD (p,p')	9.43		µg/kg wet	5.00	10.0		94.3	40-140	11.9	30
4,4-DDE (p,p')	9.90		µg/kg wet	5.00	10.0		99.0	40-140	17.7	30
4,4-DDT (p,p')	8.88		µg/kg wet	5.00	10.0		88.8	40-140	10.1	30
Dieldrin	9.30		µg/kg wet	5.00	10.0		93.0	40-140	4.85	30
Endosulfan I	5.23		µg/kg wet	5.00	10.0		52.3	40-140	6.52	30
Endosulfan II	6.32		µg/kg wet	5.00	10.0		63.2	40-140	6.03	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121676 - SW846 3550B										
LCS Dup (6121676-BSD1)										
Prepared & Analyzed: 21-Dec-06										
Endosulfan Sulfate	8.33		µg/kg wet	5.00	10.0		83.3	40-140	22.1	30
Endrin	9.16		µg/kg wet	5.00	10.0		91.6	40-140	9.97	30
Endrin Aldehyde	9.98		µg/kg wet	5.00	10.0		99.8	40-140	16.7	30
Heptachlor	9.35		µg/kg wet	5.00	10.0		93.5	40-140	5.16	30
Methoxychlor	9.34		µg/kg wet	5.00	10.0		93.4	40-140	8.13	30
Heptachlor Epoxide	9.36		µg/kg wet	5.00	10.0		93.6	40-140	11.6	30
a-Chlordane	10.4		µg/kg wet	5.00	10.0		104	40-140	15.0	30
g-Chlordane	9.40		µg/kg wet	5.00	10.0		94.0	40-140	13.2	30
Endrin Ketone	9.99		µg/kg wet	5.00	10.0		99.9	40-140	13.1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*9.97*		µg/kg wet		*10.0*		*99.7*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*12.4*		µg/kg wet		*10.0*		*124*	*40-140*		
Duplicate (6121676-DUP1) **Source: SA55673-03**										
Prepared & Analyzed: 21-Dec-06										
Aldrin	BRL		µg/kg dry	18.1		BRL				30
a-BHC	BRL		µg/kg dry	18.1		BRL				30
b-BHC	BRL		µg/kg dry	18.1		BRL				30
d-BHC	BRL		µg/kg dry	18.1		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	18.1		BRL				30
Chlordane	BRL		µg/kg dry	90.5		BRL				30
4,4-DDD (p,p')	BRL		µg/kg dry	18.1		BRL				30
4,4-DDE (p,p')	BRL		µg/kg dry	18.1		BRL				30
4,4-DDT (p,p')	BRL		µg/kg dry	18.1		BRL				30
Dieldrin	BRL		µg/kg dry	18.1		BRL				30
Endosulfan I	BRL		µg/kg dry	18.1		BRL				30
Endosulfan II	BRL		µg/kg dry	18.1		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	18.1		BRL				30
Endrin	BRL		µg/kg dry	18.1		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	18.1		BRL				30
Heptachlor	BRL		µg/kg dry	18.1		BRL				30
Methoxychlor	BRL		µg/kg dry	18.1		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	18.1		BRL				30
Toxaphene	BRL		µg/kg dry	90.5		BRL				30
a-Chlordane	BRL		µg/kg dry	18.1		BRL				30
g-Chlordane	BRL		µg/kg dry	18.1		BRL				30
Endrin Ketone	BRL		µg/kg dry	18.1		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*41.3*		µg/kg dry		*36.2*		*114*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*36.6*		µg/kg dry		*36.2*		*101*	*30-150*		
Matrix Spike (6121676-MS1) **Source: SA55673-03**										
Prepared & Analyzed: 21-Dec-06										
Aldrin	36.7		µg/kg dry	18.0	36.0	BRL	102	30-150		
a-BHC	34.0		µg/kg dry	18.0	36.0	BRL	94.4	30-150		
b-BHC	37.4		µg/kg dry	18.0	36.0	BRL	104	30-150		
d-BHC	16.6		µg/kg dry	18.0	36.0	BRL	46.1	30-150		
g-BHC (Lindane)	36.5		µg/kg dry	18.0	36.0	BRL	101	30-150		
4,4-DDD (p,p')	35.7		µg/kg dry	18.0	36.0	BRL	99.2	30-150		
4,4-DDE (p,p')	37.9		µg/kg dry	18.0	36.0	BRL	105	30-150		
4,4-DDT (p,p')	39.2		µg/kg dry	18.0	36.0	BRL	109	30-150		
Dieldrin	38.5		µg/kg dry	18.0	36.0	BRL	107	30-150		
Endosulfan I	20.9		µg/kg dry	18.0	36.0	BRL	58.1	30-150		
Endosulfan II	24.3		µg/kg dry	18.0	36.0	BRL	67.5	30-150		
Endosulfan Sulfate	29.4		µg/kg dry	18.0	36.0	BRL	81.7	30-150		
Endrin	39.4		µg/kg dry	18.0	36.0	BRL	109	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 6121676 - SW846 3550B										
Matrix Spike (6121676-MS1) **Source: SA55673-03**										
Prepared & Analyzed: 21-Dec-06										
Endrin Aldehyde	29.9		µg/kg dry	18.0	36.0	BRL	83.1	30-150		
Heptachlor	38.7		µg/kg dry	18.0	36.0	BRL	108	30-150		
Methoxychlor	39.5		µg/kg dry	18.0	36.0	BRL	110	30-150		
Heptachlor Epoxide	39.6		µg/kg dry	18.0	36.0	BRL	110	30-150		
a-Chlordane	40.9		µg/kg dry	18.0	36.0	BRL	114	30-150		
g-Chlordane	33.0		µg/kg dry	18.0	36.0	BRL	91.7	30-150		
Endrin Ketone	37.8		µg/kg dry	18.0	36.0	BRL	105	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*39.1*		µg/kg dry		*36.0*		*109*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*34.2*		µg/kg dry		*36.0*		*95.0*	*30-150*		
Matrix Spike Dup (6121676-MSD1) **Source: SA55673-03**										
Prepared & Analyzed: 21-Dec-06										
Aldrin	32.5		µg/kg dry	18.0	35.9	BRL	90.5	30-150	11.9	30
a-BHC	31.2		µg/kg dry	18.0	35.9	BRL	86.9	30-150	8.27	30
b-BHC	37.1		µg/kg dry	18.0	35.9	BRL	103	30-150	0.966	30
d-BHC	16.3		µg/kg dry	18.0	35.9	BRL	45.4	30-150	1.53	30
g-BHC (Lindane)	33.3		µg/kg dry	18.0	35.9	BRL	92.8	30-150	8.46	30
4,4-DDD (p,p')	32.9		µg/kg dry	18.0	35.9	BRL	91.6	30-150	7.97	30
4,4-DDE (p,p')	33.9		µg/kg dry	18.0	35.9	BRL	94.4	30-150	10.6	30
4,4-DDT (p,p')	37.4		µg/kg dry	18.0	35.9	BRL	104	30-150	4.69	30
Dieldrin	33.9		µg/kg dry	18.0	35.9	BRL	94.4	30-150	12.5	30
Endosulfan I	18.6		µg/kg dry	18.0	35.9	BRL	51.8	30-150	11.5	30
Endosulfan II	22.1		µg/kg dry	18.0	35.9	BRL	61.6	30-150	9.14	30
Endosulfan Sulfate	24.8		µg/kg dry	18.0	35.9	BRL	69.1	30-150	16.7	30
Endrin	36.2		µg/kg dry	18.0	35.9	BRL	101	30-150	7.62	30
Endrin Aldehyde	26.8		µg/kg dry	18.0	35.9	BRL	74.7	30-150	10.6	30
Heptachlor	36.8		µg/kg dry	18.0	35.9	BRL	103	30-150	4.74	30
Methoxychlor	36.0		µg/kg dry	18.0	35.9	BRL	100	30-150	9.52	30
Heptachlor Epoxide	35.0		µg/kg dry	18.0	35.9	BRL	97.5	30-150	12.0	30
a-Chlordane	37.0		µg/kg dry	18.0	35.9	BRL	103	30-150	10.1	50
g-Chlordane	29.1		µg/kg dry	18.0	35.9	BRL	81.1	30-150	12.3	50
Endrin Ketone	33.1		µg/kg dry	18.0	35.9	BRL	92.2	30-150	13.0	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*37.1*		µg/kg dry		*35.9*		*103*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*43.9*		µg/kg dry		*35.9*		*122*	*30-150*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121294 - SW846 3510C										
Blank (6121294-BLK1)										
Prepared: 18-Dec-06 Analyzed: 20-Dec-06										
Acenaphthene	BRL		µg/l	5.00						
Acenaphthylene	BRL		µg/l	5.00						
Aniline	BRL		µg/l	5.00						
Anthracene	BRL		µg/l	5.00						
Atrazine	BRL		µg/l	5.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	5.00						
Benzidine	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	5.00						
Benzo (b) fluoranthene	BRL		µg/l	5.00						
Benzo (g,h,i) perylene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	5.00						
Carbazole	BRL		µg/l	5.00						
4-Chloro-3-methylphenol	BRL		µg/l	5.00						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	BRL		µg/l	5.00						
2-Chlorophenol	BRL		µg/l	5.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	5.00						
Dibenzo (a,h) anthracene	BRL		µg/l	5.00						
Dibenzofuran	BRL		µg/l	5.00						
1,2-Dichlorobenzene	BRL		µg/l	5.00						
1,3-Dichlorobenzene	BRL		µg/l	5.00						
1,4-Dichlorobenzene	BRL		µg/l	5.00						
3,3'-Dichlorobenzidine	BRL		µg/l	5.00						
2,4-Dichlorophenol	BRL		µg/l	5.00						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	5.00						
2,4-Dimethylphenol	BRL		µg/l	5.00						
Di-n-butyl phthalate	BRL		µg/l	5.00						
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.00						
2,4-Dinitrophenol	BRL		µg/l	5.00						
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	5.00						
Di-n-octyl phthalate	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	5.00						
2-Methylphenol	BRL		µg/l	5.00						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121294 - SW846 3510C										
Blank (6121294-BLK1)										
Prepared: 18-Dec-06 Analyzed: 20-Dec-06										
3,4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	5.00						
2-Nitroaniline	BRL		µg/l	5.00						
3-Nitroaniline	BRL		µg/l	5.00						
4-Nitroaniline	BRL		µg/l	20.0						
Nitrobenzene	BRL		µg/l	5.00						
2-Nitrophenol	BRL		µg/l	5.00						
4-Nitrophenol	BRL		µg/l	20.0						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	20.0						
Phenanthrene	BRL		µg/l	5.00						
Phenol	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	5.00						
Pyridine	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	5.00						
1,2,4-Trichlorobenzene	BRL		µg/l	5.00						
2,4,5-Trichlorophenol	BRL		µg/l	5.00						
2,4,6-Trichlorophenol	BRL		µg/l	5.00						
Surrogate: 2-Fluorobiphenyl	*75.8*		µg/l		*100*		*75.8*	*30-130*		
Surrogate: 2-Fluorophenol	*95.6*		µg/l		*100*		*95.6*	*15-110*		
Surrogate: Nitrobenzene-d5	*90.9*		µg/l		*100*		*90.9*	*30-130*		
Surrogate: Phenol-d5	*89.7*		µg/l		*100*		*89.7*	*15-110*		
Surrogate: Terphenyl-dl4	*85.5*		µg/l		*100*		*85.5*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*81.9*		µg/l		*100*		*81.9*	*15-110*		
LCS (6121294-BS1)										
Prepared: 18-Dec-06 Analyzed: 20-Dec-06										
Acenaphthene	74.4		µg/l	5.00	100		74.4	40-130		
Acenaphthylene	75.9		µg/l	5.00	100		75.9	40-130		
Aniline	68.4		µg/l	5.00	100		68.4	40-130		
Anthracene	75.6		µg/l	5.00	100		75.6	40-130		
Atrazine	169		µg/l	5.00	100		169	0-200		
Azobenzene/Diphenyldiazine	90.4		µg/l	5.00	100		90.4	40-130		
Benzidine	90.6		µg/l	5.00	100		90.6	40-130		
Benzo (a) anthracene	83.0		µg/l	5.00	100		83.0	40-130		
Benzo (a) pyrene	82.9		µg/l	5.00	100		82.9	40-130		
Benzo (b) fluoranthene	88.6		µg/l	5.00	100		88.6	40-130		
Benzo (g,h,i) perylene	95.4		µg/l	5.00	100		95.4	40-130		
Benzo (k) fluoranthene	61.4		µg/l	5.00	100		61.4	40-130		
Benzoic acid	74.0		µg/l	5.00	100		74.0	40-130		
Benzyl alcohol	70.5		µg/l	5.00	100		70.5	40-130		
Bis(2-chloroethoxy)methane	82.4		µg/l	5.00	100		82.4	40-130		
Bis(2-chloroethyl)ether	92.0		µg/l	5.00	100		92.0	40-130		
Bis(2-chloroisopropyl)ether	120		µg/l	5.00	100		120	40-130		
Bis(2-ethylhexyl)phthalate	86.7		µg/l	5.00	100		86.7	40-130		
4-Bromophenyl phenyl ether	75.6		µg/l	5.00	100		75.6	40-130		
Butyl benzyl phthalate	86.8		µg/l	5.00	100		86.8	40-130		
Carbazole	91.0		µg/l	5.00	100		91.0	40-130		
4-Chloro-3-methylphenol	89.3		µg/l	5.00	100		89.3	40-130		
4-Chloroaniline	70.1		µg/l	5.00	100		70.1	40-130		
2-Chloronaphthalene	69.2		µg/l	5.00	100		69.2	40-130		
2-Chlorophenol	72.5		µg/l	5.00	100		72.5	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121294 - SW846 3510C										
LCS (6121294-BS1)										
Prepared: 18-Dec-06 Analyzed: 20-Dec-06										
4-Chlorophenyl phenyl ether	75.4		µg/l	5.00	100		75.4	40-130		
Chrysene	80.7		µg/l	5.00	100		80.7	40-130		
Dibenzo (a,h) anthracene	92.5		µg/l	5.00	100		92.5	40-130		
Dibenzofuran	67.2		µg/l	5.00	100		67.2	40-130		
1,2-Dichlorobenzene	67.3		µg/l	5.00	100		67.3	40-130		
1,3-Dichlorobenzene	66.2		µg/l	5.00	100		66.2	40-130		
1,4-Dichlorobenzene	65.7		µg/l	5.00	100		65.7	40-130		
3,3'-Dichlorobenzidine	86.4		µg/l	5.00	100		86.4	40-130		
2,4-Dichlorophenol	76.4		µg/l	5.00	100		76.4	40-130		
Diethyl phthalate	83.9		µg/l	5.00	100		83.9	40-130		
Dimethyl phthalate	79.4		µg/l	5.00	100		79.4	40-130		
2,4-Dimethylphenol	75.7		µg/l	5.00	100		75.7	40-130		
Di-n-butyl phthalate	82.6		µg/l	5.00	100		82.6	40-130		
4,6-Dinitro-2-methylphenol	92.8		µg/l	5.00	100		92.8	40-130		
2,4-Dinitrophenol	86.5		µg/l	5.00	100		86.5	40-130		
2,4-Dinitrotoluene	82.5		µg/l	5.00	100		82.5	40-130		
2,6-Dinitrotoluene	81.2		µg/l	5.00	100		81.2	40-130		
Di-n-octyl phthalate	80.6		µg/l	5.00	100		80.6	40-130		
Fluoranthene	80.1		µg/l	5.00	100		80.1	40-130		
Fluorene	75.0		µg/l	5.00	100		75.0	40-130		
Hexachlorobenzene	68.1		µg/l	5.00	100		68.1	40-130		
Hexachlorobutadiene	63.8		µg/l	5.00	100		63.8	40-130		
Hexachlorocyclopentadiene	61.5		µg/l	5.00	100		61.5	40-130		
Hexachloroethane	72.8		µg/l	5.00	100		72.8	40-130		
Indeno (1,2,3-cd) pyrene	96.6		µg/l	5.00	100		96.6	40-130		
Isophorone	81.6		µg/l	5.00	100		81.6	40-130		
2-Methylnaphthalene	64.0		µg/l	5.00	100		64.0	40-130		
2-Methylphenol	71.4		µg/l	5.00	100		71.4	40-130		
3,4-Methylphenol	71.7		µg/l	10.0	100		71.7	40-130		
Naphthalene	69.1		µg/l	5.00	100		69.1	40-130		
2-Nitroaniline	90.5		µg/l	5.00	100		90.5	40-130		
3-Nitroaniline	76.1		µg/l	5.00	100		76.1	40-130		
4-Nitroaniline	105		µg/l	20.0	100		105	40-130		
Nitrobenzene	79.3		µg/l	5.00	100		79.3	40-130		
2-Nitrophenol	81.0		µg/l	5.00	100		81.0	40-130		
4-Nitrophenol	71.4		µg/l	20.0	100		71.4	40-130		
N-Nitrosodimethylamine	84.0		µg/l	5.00	100		84.0	40-130		
N-Nitrosodi-n-propylamine	56.9		µg/l	5.00	100		56.9	40-130		
N-Nitrosodiphenylamine	78.9		µg/l	5.00	100		78.9	40-130		
Pentachlorophenol	91.2		µg/l	20.0	100		91.2	40-130		
Phenanthrene	76.9		µg/l	5.00	100		76.9	40-130		
Phenol	84.4		µg/l	5.00	100		84.4	40-130		
Pyrene	73.6		µg/l	5.00	100		73.6	40-130		
Pyridine	68.8		µg/l	5.00	100		68.8	40-130		
1,2,4-Trichlorobenzene	66.1		µg/l	5.00	100		66.1	40-130		
1-Methylnaphthalene	74.2		µg/l	5.00	100		74.2	40-140		
2,4,5-Trichlorophenol	80.8		µg/l	5.00	100		80.8	40-130		
2,4,6-Trichlorophenol	67.2		µg/l	5.00	100		67.2	40-130		
Surrogate: 2-Fluorobiphenyl	*81.0*		µg/l		*100*		*81.0*	*30-130*		
Surrogate: 2-Fluorophenol	*84.5*		µg/l		*100*		*84.5*	*15-110*		
Surrogate: Nitrobenzene-d5	*96.5*		µg/l		*100*		*96.5*	*30-130*		
Surrogate: Phenol-d5	*73.6*		µg/l		*100*		*73.6*	*15-110*		
Surrogate: Terphenyl-dl4	*85.8*		µg/l		*100*		*85.8*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*88.3*		µg/l		*100*		*88.3*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121441 - SW846 3545A										
Blank (6121441-BLK1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Acenaphthene	BRL		µg/kg wet	330						
Acenaphthylene	BRL		µg/kg wet	330						
Aniline	BRL		µg/kg wet	330						
Anthracene	BRL		µg/kg wet	330						
Atrazine	BRL		µg/kg wet	330						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	330						
Benzidine	BRL		µg/kg wet	330						
Benzo (a) anthracene	BRL		µg/kg wet	330						
Benzo (a) pyrene	BRL		µg/kg wet	330						
Benzo (b) fluoranthene	BRL		µg/kg wet	330						
Benzo (g,h,i) perylene	BRL		µg/kg wet	330						
Benzo (k) fluoranthene	BRL		µg/kg wet	330						
Benzoic acid	BRL		µg/kg wet	330						
Benzyl alcohol	BRL		µg/kg wet	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	330						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	330						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	330						
Butyl benzyl phthalate	BRL		µg/kg wet	330						
Carbazole	BRL		µg/kg wet	330						
4-Chloro-3-methylphenol	BRL		µg/kg wet	330						
4-Chloroaniline	BRL		µg/kg wet	330						
2-Chloronaphthalene	BRL		µg/kg wet	330						
2-Chlorophenol	BRL		µg/kg wet	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	330						
Chrysene	BRL		µg/kg wet	330						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	330						
Dibenzofuran	BRL		µg/kg wet	330						
1,2-Dichlorobenzene	BRL		µg/kg wet	330						
1,3-Dichlorobenzene	BRL		µg/kg wet	330						
1,4-Dichlorobenzene	BRL		µg/kg wet	330						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	330						
2,4-Dichlorophenol	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,4-Dimethylphenol	BRL		µg/kg wet	330						
Di-n-butyl phthalate	BRL		µg/kg wet	330						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	330						
2,4-Dinitrophenol	BRL		µg/kg wet	330						
2,4-Dinitrotoluene	BRL		µg/kg wet	330						
2,6-Dinitrotoluene	BRL		µg/kg wet	330						
Di-n-octyl phthalate	BRL		µg/kg wet	330						
Fluoranthene	BRL		µg/kg wet	330						
Fluorene	BRL		µg/kg wet	330						
Hexachlorobenzene	BRL		µg/kg wet	330						
Hexachlorobutadiene	BRL		µg/kg wet	330						
Hexachlorocyclopentadiene	BRL		µg/kg wet	330						
Hexachloroethane	BRL		µg/kg wet	330						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
1-Methylnaphthalene	BRL		µg/kg wet	330						
Isophorone	BRL		µg/kg wet	330						
2-Methylnaphthalene	BRL		µg/kg wet	330						
2-Methylphenol	BRL		µg/kg wet	330						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121441 - SW846 3545A										
Blank (6121441-BLK1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
3,4-Methylphenol	BRL		µg/kg wet	330						
Naphthalene	BRL		µg/kg wet	330						
2-Nitroaniline	BRL		µg/kg wet	330						
3-Nitroaniline	BRL		µg/kg wet	330						
4-Nitroaniline	BRL		µg/kg wet	1320						
Nitrobenzene	BRL		µg/kg wet	330						
2-Nitrophenol	BRL		µg/kg wet	330						
4-Nitrophenol	BRL		µg/kg wet	1320						
N-Nitrosodimethylamine	BRL		µg/kg wet	330						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	330						
N-Nitrosodiphenylamine	BRL		µg/kg wet	330						
Pentachlorophenol	BRL		µg/kg wet	330						
Phenanthrene	BRL		µg/kg wet	330						
Phenol	BRL		µg/kg wet	330						
Pyrene	BRL		µg/kg wet	330						
Pyridine	BRL		µg/kg wet	330						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	330						
2,4,5-Trichlorophenol	BRL		µg/kg wet	330						
2,4,6-Trichlorophenol	BRL		µg/kg wet	330						
Surrogate: 2-Fluorobiphenyl	*2790*		µg/kg wet		*6670*		*41.8*	*30-130*		
Surrogate: 2-Fluorophenol	*2460*		µg/kg wet		*6670*		*36.9*	*15-110*		
Surrogate: Nitrobenzene-d5	*2180*		µg/kg wet		*6670*		*32.7*	*30-130*		
Surrogate: Phenol-d5	*1830*		µg/kg wet		*6670*		*27.4*	*15-110*		
Surrogate: Terphenyl-dl4	*3310*		µg/kg wet		*6670*		*49.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2990*		µg/kg wet		*6670*		*44.8*	*15-110*		
LCS (6121441-BS1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Acenaphthene	4690		µg/kg wet	330	6670		70.3	40-130		
Acenaphthylene	4910		µg/kg wet	330	6670		73.6	40-130		
Aniline	3420		µg/kg wet	330	6670		51.3	40-130		
Anthracene	5370		µg/kg wet	330	6670		80.5	40-130		
Atrazine	5850		µg/kg wet	330	6670		87.7	40-130		
Azobenzene/Diphenyldiazine	4350		µg/kg wet	330	6670		65.2	40-130		
Benzidine	372	QC2	µg/kg wet	330	6670		5.58	40-130		
Benzo (a) anthracene	4530		µg/kg wet	330	6670		67.9	40-130		
Benzo (a) pyrene	4140		µg/kg wet	330	6670		62.1	40-130		
Benzo (b) fluoranthene	3760		µg/kg wet	330	6670		56.4	40-130		
Benzo (g,h,i) perylene	3490		µg/kg wet	330	6670		52.3	40-130		
Benzo (k) fluoranthene	5680		µg/kg wet	330	6670		85.2	40-130		
Benzoic acid	2840		µg/kg wet	330	6670		42.6	40-130		
Benzyl alcohol	4750		µg/kg wet	330	6670		71.2	40-130		
Bis(2-chloroethoxy)methane	4610		µg/kg wet	330	6670		69.1	40-130		
Bis(2-chloroethyl)ether	4450		µg/kg wet	330	6670		66.7	40-130		
Bis(2-chloroisopropyl)ether	6330		µg/kg wet	330	6670		94.9	40-130		
Bis(2-ethylhexyl)phthalate	4420		µg/kg wet	330	6670		66.3	40-130		
4-Bromophenyl phenyl ether	5940		µg/kg wet	330	6670		89.1	40-130		
Butyl benzyl phthalate	4380		µg/kg wet	330	6670		65.7	40-130		
Carbazole	5210		µg/kg wet	330	6670		78.1	40-130		
4-Chloro-3-methylphenol	4800		µg/kg wet	330	6670		72.0	40-130		
4-Chloroaniline	3780		µg/kg wet	330	6670		56.7	40-130		
2-Chloronaphthalene	4330		µg/kg wet	330	6670		64.9	40-130		
2-Chlorophenol	4140		µg/kg wet	330	6670		62.1	40-130		
4-Chlorophenyl phenyl ether	5210		µg/kg wet	330	6670		78.1	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121441 - SW846 3545A										
LCS (6121441-BS1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Chrysene	4930		µg/kg wet	330	6670		73.9	40-130		
Dibenzo (a,h) anthracene	3880		µg/kg wet	330	6670		58.2	40-130		
Dibenzofuran	4460		µg/kg wet	330	6670		66.9	40-130		
1,2-Dichlorobenzene	4250		µg/kg wet	330	6670		63.7	40-130		
1,3-Dichlorobenzene	3920		µg/kg wet	330	6670		58.8	40-130		
1,4-Dichlorobenzene	4540		µg/kg wet	330	6670		68.1	40-130		
3,3'-Dichlorobenzidine	4190		µg/kg wet	330	6670		62.8	40-130		
2,4-Dichlorophenol	4980		µg/kg wet	330	6670		74.7	40-130		
Diethyl phthalate	4790		µg/kg wet	330	6670		71.8	40-130		
Dimethyl phthalate	5080		µg/kg wet	330	6670		76.2	40-130		
2,4-Dimethylphenol	4360		µg/kg wet	330	6670		65.4	40-130		
Di-n-butyl phthalate	4930		µg/kg wet	330	6670		73.9	40-130		
4,6-Dinitro-2-methylphenol	3330		µg/kg wet	330	6670		49.9	40-130		
2,4-Dinitrophenol	2670		µg/kg wet	330	6670		40.0	40-130		
2,4-Dinitrotoluene	4610		µg/kg wet	330	6670		69.1	40-130		
2,6-Dinitrotoluene	4430		µg/kg wet	330	6670		66.4	40-130		
Di-n-octyl phthalate	5410		µg/kg wet	330	6670		81.1	40-130		
Fluoranthene	5280		µg/kg wet	330	6670		79.2	40-130		
Fluorene	4740		µg/kg wet	330	6670		71.1	40-130		
Hexachlorobenzene	5670		µg/kg wet	330	6670		85.0	40-130		
Hexachlorobutadiene	5250		µg/kg wet	330	6670		78.7	40-130		
Hexachlorocyclopentadiene	3080		µg/kg wet	330	6670		46.2	40-130		
Hexachloroethane	5310		µg/kg wet	330	6670		79.6	40-130		
Indeno (1,2,3-cd) pyrene	3750		µg/kg wet	330	6670		56.2	40-130		
Isophorone	4630		µg/kg wet	330	6670		69.4	40-130		
1-Methylnaphthalene	4860		µg/kg wet	330	6670		72.9	40-140		
2-Methylnaphthalene	4840		µg/kg wet	330	6670		72.6	40-130		
2-Methylphenol	3730		µg/kg wet	330	6670		55.9	40-130		
3,4-Methylphenol	4360		µg/kg wet	330	6670		65.4	40-130		
Naphthalene	4890		µg/kg wet	330	6670		73.3	40-130		
2-Nitroaniline	4420		µg/kg wet	330	6670		66.3	40-130		
3-Nitroaniline	3170		µg/kg wet	330	6670		47.5	40-130		
4-Nitroaniline	4240		µg/kg wet	1320	6670		63.6	40-130		
Nitrobenzene	3800		µg/kg wet	330	6670		57.0	40-130		
2-Nitrophenol	3470		µg/kg wet	330	6670		52.0	40-130		
4-Nitrophenol	3140		µg/kg wet	1320	6670		47.1	40-130		
N-Nitrosodimethylamine	4100		µg/kg wet	330	6670		61.5	40-130		
N-Nitrosodi-n-propylamine	4720		µg/kg wet	330	6670		70.8	40-130		
N-Nitrosodiphenylamine	5230		µg/kg wet	330	6670		78.4	40-130		
Pentachlorophenol	5150		µg/kg wet	330	6670		77.2	40-130		
Phenanthrene	5090		µg/kg wet	330	6670		76.3	40-130		
Phenol	4340		µg/kg wet	330	6670		65.1	40-130		
Pyrene	4690		µg/kg wet	330	6670		70.3	40-130		
Pyridine	2780		µg/kg wet	330	6670		41.7	40-130		
1,2,4-Trichlorobenzene	4900		µg/kg wet	330	6670		73.5	40-130		
2,4,5-Trichlorophenol	4870		µg/kg wet	330	6670		73.0	40-130		
2,4,6-Trichlorophenol	5010		µg/kg wet	330	6670		75.1	40-130		
Surrogate: 2-Fluorobiphenyl	*2810*		µg/kg wet		*6670*		*42.1*	*30-130*		
Surrogate: 2-Fluorophenol	*2450*		µg/kg wet		*6670*		*36.7*	*15-110*		
Surrogate: Nitrobenzene-d5	*2670*		µg/kg wet		*6670*		*40.0*	*30-130*		
Surrogate: Phenol-d5	*2770*		µg/kg wet		*6670*		*41.5*	*15-110*		
Surrogate: Terphenyl-dl4	*3030*		µg/kg wet		*6670*		*45.4*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3790*		µg/kg wet		*6670*		*56.8*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121441 - SW846 3545A										
Duplicate (6121441-DUP1) **Source: SA55657-03**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Acenaphthene	BRL		µg/kg dry	244		BRL				50
Acenaphthylene	BRL		µg/kg dry	244		BRL				50
Aniline	BRL		µg/kg dry	244		BRL				50
Anthracene	BRL		µg/kg dry	244		BRL				50
Atrazine	BRL		µg/kg dry	244		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	244		BRL				50
Benzidine	BRL		µg/kg dry	244		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	244		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	244		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	244		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	244		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	244		BRL				50
Benzoic acid	BRL		µg/kg dry	244		BRL				50
Benzyl alcohol	BRL		µg/kg dry	244		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	244		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	244		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	244		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	244		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	244		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	244		BRL				50
Carbazole	BRL		µg/kg dry	244		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	244		BRL				50
4-Chloroaniline	BRL		µg/kg dry	244		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	244		BRL				50
2-Chlorophenol	BRL		µg/kg dry	244		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	244		BRL				50
Chrysene	BRL		µg/kg dry	244		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	244		BRL				50
Dibenzofuran	BRL		µg/kg dry	244		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	244		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	244		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	244		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/kg dry	244		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	244		BRL				50
Diethyl phthalate	BRL		µg/kg dry	244		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	244		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	244		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	244		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	244		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	244		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	244		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	244		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	244		BRL				50
Fluoranthene	BRL		µg/kg dry	244		BRL				50
Fluorene	BRL		µg/kg dry	244		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	244		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	244		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	244		BRL				50
Hexachloroethane	BRL		µg/kg dry	244		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	244		BRL				50
Isophorone	BRL		µg/kg dry	244		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	244		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	244		BRL				50
2-Methylphenol	BRL		µg/kg dry	244		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121441 - SW846 3545A										
Duplicate (6121441-DUP1) **Source: SA55657-03**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
3,4-Methylphenol	BRL		µg/kg dry	244		BRL				50
Naphthalene	BRL		µg/kg dry	244		BRL				50
2-Nitroaniline	BRL		µg/kg dry	244		BRL				50
3-Nitroaniline	BRL		µg/kg dry	244		BRL				50
4-Nitroaniline	BRL		µg/kg dry	975		BRL				50
Nitrobenzene	BRL		µg/kg dry	244		BRL				50
2-Nitrophenol	BRL		µg/kg dry	244		BRL				50
4-Nitrophenol	BRL		µg/kg dry	975		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	244		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	244		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	244		BRL				50
Pentachlorophenol	BRL		µg/kg dry	244		BRL				50
Phenanthrene	BRL		µg/kg dry	244		BRL				50
Phenol	BRL		µg/kg dry	244		BRL				50
Pyrene	BRL		µg/kg dry	244		BRL				50
Pyridine	BRL		µg/kg dry	244		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	244		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	244		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	244		BRL				50
Surrogate: 2-Fluorobiphenyl	*3330*		µg/kg dry		*4930*		*67.5*	*30-130*		
Surrogate: 2-Fluorophenol	*3340*		µg/kg dry		*4930*		*67.7*	*15-110*		
Surrogate: Nitrobenzene-d5	*2840*		µg/kg dry		*4930*		*57.6*	*30-130*		
Surrogate: Phenol-d5	*3670*		µg/kg dry		*4930*		*74.4*	*15-110*		
Surrogate: Terphenyl-dl4	*4060*		µg/kg dry		*4930*		*82.4*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3410*		µg/kg dry		*4930*		*69.2*	*15-110*		
Matrix Spike (6121441-MS1) **Source: SA55657-03**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Acenaphthene	3550		µg/kg dry	244	4930	BRL	72.0	40-140		
4-Chloro-3-methylphenol	3660		µg/kg dry	244	4930	BRL	74.2	30-130		
2-Chlorophenol	3040		µg/kg dry	244	4930	BRL	61.7	30-130		
1,4-Dichlorobenzene	3330		µg/kg dry	244	4930	BRL	67.5	40-140		
2,4-Dinitrotoluene	3220		µg/kg dry	244	4930	BRL	65.3	40-140		
4-Nitrophenol	2060		µg/kg dry	975	4930	BRL	41.8	30-130		
N-Nitrosodi-n-propylamine	3520		µg/kg dry	244	4930	BRL	71.4	40-140		
Pentachlorophenol	3480		µg/kg dry	244	4930	BRL	70.6	30-130		
Phenol	3220		µg/kg dry	244	4930	BRL	65.3	30-130		
Pyrene	3520		µg/kg dry	244	4930	BRL	71.4	40-140		
1,2,4-Trichlorobenzene	3750		µg/kg dry	244	4930	BRL	76.1	40-140		
Surrogate: 2-Fluorobiphenyl	*2140*		µg/kg dry		*4930*		*43.4*	*30-130*		
Surrogate: 2-Fluorophenol	*1520*		µg/kg dry		*4930*		*30.8*	*15-110*		
Surrogate: Nitrobenzene-d5	*2040*		µg/kg dry		*4930*		*41.4*	*30-130*		
Surrogate: Phenol-d5	*2030*		µg/kg dry		*4930*		*41.2*	*15-110*		
Surrogate: Terphenyl-dl4	*2140*		µg/kg dry		*4930*		*43.4*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2710*		µg/kg dry		*4930*		*55.0*	*15-110*		
Matrix Spike Dup (6121441-MSD1) **Source: SA55657-03**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Acenaphthene	3510		µg/kg dry	240	4840	BRL	72.5	40-140	0.692	30
4-Chloro-3-methylphenol	3570		µg/kg dry	240	4840	BRL	73.8	30-130	0.541	30
2-Chlorophenol	2920		µg/kg dry	240	4840	BRL	60.3	30-130	2.30	30
1,4-Dichlorobenzene	3220		µg/kg dry	240	4840	BRL	66.5	40-140	1.49	30
2,4-Dinitrotoluene	3290		µg/kg dry	240	4840	BRL	68.0	40-140	4.05	30
4-Nitrophenol	2150		µg/kg dry	959	4840	BRL	44.4	30-130	6.03	30
N-Nitrosodi-n-propylamine	3430		µg/kg dry	240	4840	BRL	70.9	40-140	0.703	30
Pentachlorophenol	4230		µg/kg dry	240	4840	BRL	87.4	30-130	21.3	30

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121441 - SW846 3545A										
Matrix Spike Dup (6121441-MSD1) Source: SA55657-03										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Phenol	3160		µg/kg dry	240	4840	BRL	65.3	30-130	0.00	30
Pyrene	3550		µg/kg dry	240	4840	BRL	73.3	40-140	2.63	30
1,2,4-Trichlorobenzene	3600		µg/kg dry	240	4840	BRL	74.4	40-140	2.26	30
Surrogate: 2-Fluorobiphenyl	*2050*		µg/kg dry		*4840*		*42.4*	*30-130*		
Surrogate: 2-Fluorophenol	*1650*		µg/kg dry		*4840*		*34.1*	*15-110*		
Surrogate: Nitrobenzene-d5	*1980*		µg/kg dry		*4840*		*40.9*	*30-130*		
Surrogate: Phenol-d5	*2110*		µg/kg dry		*4840*		*43.6*	*15-110*		
Surrogate: Terphenyl-dl4	*2240*		µg/kg dry		*4840*		*46.3*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2720*		µg/kg dry		*4840*		*56.2*	*15-110*		

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 6121364 - SW846 3005A										
Blank (6121364-BLK1)										
Prepared: 18-Dec-06 Analyzed: 21-Dec-06										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Arsenic	BRL		mg/l	0.0040						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
LCS (6121364-BS1)										
Prepared: 18-Dec-06 Analyzed: 20-Dec-06										
Lead	0.502		mg/l	0.0075	0.500		100	85-115		
Selenium	0.504		mg/l	0.0150	0.500		101	85-115		
Cadmium	0.512		mg/l	0.0025	0.500		102	85-115		
Barium	0.540		mg/l	0.0050	0.500		108	85-115		
Silver	0.516		mg/l	0.0050	0.500		103	85-115		
Arsenic	0.502		mg/l	0.0040	0.500		100	85-115		
Chromium	0.499		mg/l	0.0050	0.500		99.8	85-115		
LCS Dup (6121364-BSD1)										
Prepared: 18-Dec-06 Analyzed: 20-Dec-06										
Lead	0.508		mg/l	0.0075	0.500		102	85-115	1.19	20
Selenium	0.508		mg/l	0.0150	0.500		102	85-115	0.791	20
Chromium	0.505		mg/l	0.0050	0.500		101	85-115	1.20	20
Cadmium	0.517		mg/l	0.0025	0.500		103	85-115	0.972	20
Barium	0.551		mg/l	0.0050	0.500		110	85-115	2.02	20
Silver	0.511		mg/l	0.0050	0.500		102	85-115	0.974	20
Arsenic	0.510		mg/l	0.0040	0.500		102	85-115	1.58	20
Duplicate (6121364-DUP1) **Source: SA55630-01**										
Prepared: 18-Dec-06 Analyzed: 20-Dec-06										
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	0.0489		mg/l	0.0075		0.0490			0.204	20
Arsenic	BRL		mg/l	0.0040		BRL				20
Silver	0.0013	J,QR1	mg/l	0.0050		0.0010			26.1	20
Cadmium	BRL		mg/l	0.0025		BRL				20
Chromium	0.0159		mg/l	0.0050		0.0156			1.90	20
Barium	0.139		mg/l	0.0050		0.136			2.18	20
Matrix Spike (6121364-MS1) **Source: SA55630-02**										
Prepared: 18-Dec-06 Analyzed: 20-Dec-06										
Selenium	0.508		mg/l	0.0150	0.500	BRL	102	75-125		
Lead	2.91		mg/l	0.0075	0.500	2.46	90.0	75-125		
Barium	0.686		mg/l	0.0050	0.500	0.140	109	75-125		
Arsenic	0.516		mg/l	0.0040	0.500	0.0086	101	75-125		
Chromium	0.506		mg/l	0.0050	0.500	0.0172	97.8	75-125		
Cadmium	0.492		mg/l	0.0025	0.500	BRL	98.4	75-125		
Silver	0.504		mg/l	0.0050	0.500	0.0012	101	75-125		
Matrix Spike Dup (6121364-MSD1) **Source: SA55630-02**										
Prepared: 18-Dec-06 Analyzed: 20-Dec-06										
Selenium	0.495		mg/l	0.0150	0.500	BRL	99.0	75-125	2.59	20
Lead	2.86		mg/l	0.0075	0.500	2.46	80.0	75-125	1.73	20
Chromium	0.501		mg/l	0.0050	0.500	0.0172	96.8	75-125	0.993	20
Barium	0.680		mg/l	0.0050	0.500	0.140	108	75-125	0.878	20
Silver	0.522		mg/l	0.0050	0.500	0.0012	104	75-125	3.51	20

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121364 - SW846 3005A										
Matrix Spike Dup (6121364-MSD1) **Source: SA55630-02**										
Prepared: 18-Dec-06 Analyzed: 20-Dec-06										
Arsenic	0.502		mg/l	0.0040	0.500	0.0086	98.7	75-125	2.75	20
Cadmium	0.481		mg/l	0.0025	0.500	BRL	96.2	75-125	2.26	20
Post Spike (6121364-PS1) **Source: SA55630-02**										
Prepared: 18-Dec-06 Analyzed: 20-Dec-06										
Lead	2.88		mg/l	0.0075	0.500	2.46	84.0	80-120		
Selenium	0.482		mg/l	0.0150	0.500	BRL	96.4	80-120		
Chromium	0.486		mg/l	0.0050	0.500	0.0172	93.8	80-120		
Cadmium	0.468		mg/l	0.0025	0.500	BRL	93.6	80-120		
Silver	0.487		mg/l	0.0050	0.500	0.0012	97.2	80-120		
Arsenic	0.493		mg/l	0.0040	0.500	0.0086	96.9	80-120		
Barium	0.654		mg/l	0.0050	0.500	0.140	103	80-120		
Batch 6121392 - EPA200/SW7000 Series										
Blank (6121392-BLK1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	BRL		mg/kg wet	0.0294						
Duplicate (6121392-DUP1) **Source: SA55657-01**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	0.258	QR1	mg/kg dry	0.0375		0.153			51.1	35
Matrix Spike (6121392-MS1) **Source: SA55657-02**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	0.598		mg/kg dry	0.0367	0.509	0.0790	102	75-125		
Matrix Spike (6121392-MS2) **Source: SA55699-01**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	1.99	QM8	mg/kg dry	0.0379	0.527	13.0	NR	75-125		
Post Spike (6121392-PS1) **Source: SA55657-02**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	0.534		mg/kg dry	0.0362	0.503	0.0790	90.5	75-125		
Reference (6121392-SRM1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	1.61		mg/kg wet	0.0300	1.49		108	66-132.6		

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 6121365 - EPA200/SW7000 Series										
Blank (6121365-BLK1)										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Mercury	BRL		mg/l	0.00020						
LCS (6121365-BS1)										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Mercury	0.00226		mg/l	0.00020	0.00250		90.4	80-120		
Duplicate (6121365-DUP1) **Source: SA55630-01**										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Mercury	0.00006	J,QR1	mg/l	0.00020		0.00004			40.0	20
Matrix Spike (6121365-MS1) **Source: SA55630-02**										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Mercury	0.00240		mg/l	0.00020	0.00250	0.00008	92.8	75-125		
Matrix Spike Dup (6121365-MSD1) **Source: SA55630-02**										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Mercury	0.00252		mg/l	0.00020	0.00250	0.00008	97.6	75-125	4.88	20
Post Spike (6121365-PS1) **Source: SA55630-02**										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Mercury	2.13		mg/l		2.50	0.0800	82.0	75-125		
Batch 6121391 - EPA 200 Series										
Blank (6121391-BLK1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Selenium	BRL		mg/kg wet	1.38						
Silver	BRL		mg/kg wet	0.920						
Cadmium	BRL		mg/kg wet	0.230						
Arsenic	BRL		mg/kg wet	1.38						
Lead	BRL		mg/kg wet	0.690						
Chromium	BRL		mg/kg wet	0.460						
Barium	BRL		mg/kg wet	0.460						
LCS (6121391-BS1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Silver	116		mg/kg wet	1.00	125		92.8	85-115		
Selenium	132		mg/kg wet	1.50	125		106	85-115		
Lead	129		mg/kg wet	0.750	125		103	85-115		
Cadmium	131		mg/kg wet	0.250	125		105	85-115		
Arsenic	131		mg/kg wet	1.50	125		105	85-115		
Chromium	129		mg/kg wet	0.500	125		103	85-115		
Barium	141		mg/kg wet	0.500	125		113	85-115		
Duplicate (6121391-DUP1) **Source: SA55657-01**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Silver	BRL		mg/kg dry	1.17		BRL				20
Selenium	0.829	J,QR1	mg/kg dry	1.75		1.22			38.2	20
Lead	18.8		mg/kg dry	0.876		19.9			5.68	20
Arsenic	2.15	QR1	mg/kg dry	1.75		3.20			39.3	20
Cadmium	0.368	QR1	mg/kg dry	0.292		0.453			20.7	20
Chromium	9.75		mg/kg dry	0.584		9.89			1.43	20
Barium	40.8		mg/kg dry	0.584		41.0			0.489	20
Matrix Spike (6121391-MS1) **Source: SA55657-02**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Silver	117		mg/kg dry	1.04	131	BRL	89.3	70-130		
Selenium	129		mg/kg dry	1.57	131	BRL	98.5	70-130		

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 6121391 - EPA 200 Series										
Matrix Spike (6121391-MS1) **Source: SA55657-02**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Arsenic	130		mg/kg dry	1.57	131	4.08	96.1	70-130		
Lead	140	QM7	mg/kg dry	0.784	131	51.4	67.6	70-130		
Chromium	137		mg/kg dry	0.522	131	11.7	95.6	70-130		
Cadmium	126		mg/kg dry	0.261	131	0.753	95.6	70-130		
Barium	182		mg/kg dry	0.522	131	56.6	95.7	70-130		
Matrix Spike (6121391-MS2) **Source: SA55699-01**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Silver	148		mg/kg dry	1.25	156	2.86	93.0	70-130		
Selenium	163		mg/kg dry	1.87	156	BRL	104	70-130		
Chromium	177		mg/kg dry	0.623	156	18.8	101	70-130		
Lead	387		mg/kg dry	0.935	156	228	102	70-130		
Cadmium	158		mg/kg dry	0.312	156	1.02	101	70-130		
Arsenic	166		mg/kg dry	1.87	156	3.69	104	70-130		
Barium	218		mg/kg dry	0.623	156	41.0	113	70-130		
Post Spike (6121391-PS1) **Source: SA55657-02**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Silver	130		mg/kg dry	1.14	142	BRL	91.5	85-115		
Selenium	142		mg/kg dry	1.71	142	BRL	100	85-115		
Arsenic	143		mg/kg dry	1.71	142	4.08	97.8	85-115		
Cadmium	138		mg/kg dry	0.285	142	0.753	96.7	85-115		
Chromium	151		mg/kg dry	0.569	142	11.7	98.1	85-115		
Barium	202		mg/kg dry	0.569	142	56.6	102	85-115		
Reference (6121391-SRM1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Silver	48.7		mg/kg wet	1.00	49.2		99.0	66.3-133.3		
Selenium	71.7		mg/kg wet	1.50	70.1		102	77.5-122.5		
Lead	57.7		mg/kg wet	0.750	60.9		94.7	78.4-120.8		
Arsenic	76.5		mg/kg wet	1.50	76.7		99.7	76.8-123.2		
Chromium	57.0		mg/kg wet	0.500	60.9		93.6	80.5-119.2		
Cadmium	46.4		mg/kg wet	0.250	48.4		95.9	80.1-119.6		
Barium	134		mg/kg wet	0.500	138		97.1	82-118		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121576 - SW846 3010A										
Blank (6121576-BLK1)										
Prepared & Analyzed: 21-Dec-06										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Silver	BRL		mg/l	0.0100						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Arsenic	BRL		mg/l	0.0150						
Barium	BRL		mg/l	0.0050						
LCS (6121576-BS1)										
Prepared & Analyzed: 21-Dec-06										
Lead	1.23		mg/l	0.0075	1.25		98.4	72.8-111		
Selenium	1.24		mg/l	0.0150	1.25		99.2	67.3-113		
Silver	0.738		mg/l	0.0100	1.25		59.0	56.1-118		
Chromium	1.28		mg/l	0.0050	1.25		102	72-119		
Arsenic	1.22		mg/l	0.0150	1.25		97.6	68.7-111		
Cadmium	1.30		mg/l	0.0025	1.25		104	71.8-121		
Barium	1.29		mg/l	0.0050	1.25		103	77.1-125		
LCS Dup (6121576-BSD1)										
Prepared & Analyzed: 21-Dec-06										
Lead	1.19		mg/l	0.0075	1.25		95.2	72.8-111	3.31	20
Selenium	1.19		mg/l	0.0150	1.25		95.2	67.3-113	4.12	20
Silver	0.724		mg/l	0.0100	1.25		57.9	56.1-118	1.92	20
Chromium	1.25		mg/l	0.0050	1.25		100	72-119	2.37	20
Cadmium	1.25		mg/l	0.0025	1.25		100	71.8-121	3.92	20
Arsenic	1.17		mg/l	0.0150	1.25		93.6	68.7-111	4.18	20
Barium	1.27		mg/l	0.0050	1.25		102	77.1-125	1.56	20
Duplicate (6121576-DUP1)	**Source: SA55657-01**									
Prepared & Analyzed: 21-Dec-06										
Lead	BRL		mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Silver	BRL		mg/l	0.0100		BRL				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Arsenic	BRL		mg/l	0.0150		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Barium	0.0038	J,QR1	mg/l	0.0050		0.0026			37.5	20
Matrix Spike (6121576-MS1)	**Source: SA55657-06**									
Prepared & Analyzed: 21-Dec-06										
Lead	1.18		mg/l	0.0075	1.25	0.0065	93.9	81-107		
Selenium	1.17		mg/l	0.0150	1.25	BRL	93.6	73-113		
Silver	0.726	QM7	mg/l	0.0100	1.25	BRL	58.1	63.7-113		
Chromium	1.22		mg/l	0.0050	1.25	BRL	97.6	83.1-112		
Arsenic	1.16		mg/l	0.0150	1.25	BRL	92.8	76.7-109		
Cadmium	1.23		mg/l	0.0025	1.25	BRL	98.4	81.1-115		
Barium	1.26		mg/l	0.0050	1.25	0.0142	99.7	85.6-121		
Matrix Spike Dup (6121576-MSD1)	**Source: SA55657-06**									
Prepared & Analyzed: 21-Dec-06										
Lead	1.17		mg/l	0.0075	1.25	0.0065	93.1	81-107	0.851	20
Selenium	1.17		mg/l	0.0150	1.25	BRL	93.6	73-113	0.00	20
Silver	0.728	QM7	mg/l	0.0100	1.25	BRL	58.2	63.7-113	0.275	20
Chromium	1.24		mg/l	0.0050	1.25	BRL	99.2	83.1-112	1.63	20
Cadmium	1.23		mg/l	0.0025	1.25	BRL	98.4	81.1-115	0.00	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 6121576 - SW846 3010A										
Matrix Spike Dup (6121576-MSD1)	**Source: SA55657-06**									
Prepared & Analyzed: 21-Dec-06										
Arsenic	1.16		mg/l	0.0150	1.25	BRL	92.8	76.7-109	0.00	20
Barium	1.27		mg/l	0.0050	1.25	0.0142	100	85.6-121	0.791	20
Post Spike (6121576-PS1)	**Source: SA55657-06**									
Prepared & Analyzed: 21-Dec-06										
Selenium	1.13		mg/l	0.0150	1.25	BRL	90.4	80-120		
Lead	1.13		mg/l	0.0075	1.25	0.0065	89.9	80-120		
Cadmium	1.18		mg/l	0.0025	1.25	BRL	94.4	80-120		
Arsenic	1.12		mg/l	0.0150	1.25	BRL	89.6	80-120		
Chromium	1.18		mg/l	0.0050	1.25	BRL	94.4	80-120		
Barium	1.21		mg/l	0.0050	1.25	0.0142	95.7	80-120		
Batch 6121577 - EPA200/SW7000 Series										
Blank (6121577-BLK1)										
Prepared & Analyzed: 21-Dec-06										
Mercury	BRL		mg/l	0.00040						
LCS (6121577-BS1)										
Prepared & Analyzed: 21-Dec-06										
Mercury	0.00229		mg/l	0.00040	0.00250		91.6	65.5-119		
Duplicate (6121577-DUP1)	**Source: SA55657-01**									
Prepared & Analyzed: 21-Dec-06										
Mercury	BRL		mg/l	0.00040		BRL				35
Matrix Spike (6121577-MS1)	**Source: SA55657-06**									
Prepared & Analyzed: 21-Dec-06										
Mercury	0.00225		mg/l	0.00040	0.00250	BRL	90.0	62.8-125		
Matrix Spike Dup (6121577-MSD1)	**Source: SA55657-06**									
Prepared & Analyzed: 21-Dec-06										
Mercury	0.00234		mg/l	0.00040	0.00250	BRL	93.6	62.8-125	3.92	35
Post Spike (6121577-PS1)	**Source: SA55657-06**									
Prepared & Analyzed: 21-Dec-06										
Mercury	0.00221		mg/l	0.00040	0.00250	BRL	88.4	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121563 - General Preparation										
Duplicate (6121563-DUP1)	**Source: SA55657-01**									
Prepared & Analyzed: 20-Dec-06										
% Solids	79.5		%			79.8			0.377	20

Notes and Definitions

*TPH	Calculated as
Comp	Completed
FP	Field Preserved
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM2	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM8	The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and/or LCS recovery.
QR1	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR5	RPD out of acceptance range.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
V11	Analyte presence was confirmed by duplicate analysis.
vex2	Field extracted
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

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

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: Busway - W. Hartford, CT	Busway - W. Hartford, CT/ 171-305
This Form Provides certifications for the following data set: SA55657-01 SA55657-02 SA55657-03 SA55657-04 SA55657-05 SA55657-06 SA55657-07 SA55657-08	List Specific Analytical Methods Used: +CT ETPH EPA 200.7 EPA 245.1/7470A SM2540 G Mod. SW 846 8260B SW846 1312 SW846 1312/6010B SW846 1312/7470A SW846 6010B SW846 7471A SW846 8081A SW846 8082 SW846 8260B SW846 8270C SW846 8270C/EPA 625 : VOC
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: 12/22/2006

SA55657 [illegible]

SPECTRUM ANALYTICAL, INC.
Featuring
HANDBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 12-22
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: C Knight
LES
354 S River Rd
Tolland CT 06084
Project Mgr.: D Stork - MOT

Invoice To: CTDOT - DAS Contract
c/o LES
RUSH ORDER 1531
P.O. No.: RQN:

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

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs-8260	CTETPH	SVOCs-8270	Pesticides 8081A	PCBs 8082	Total RCRA Metals	SPLP RCRA Metals		QA Reporting Notes: (check if needed)
SA55657-01	PS-6 2-4'	12-14-06		C	SO		3	1				X	X	X	X	X	X	X		
02	PS-7 2-4'	↓		↓	↓		↓	↓				↓	↓	↓	↓	↓	↓	↓		
03	PS-11 4-8'	↓		↓	↓		↓	↓				↓	↓	↓	↓	↓	↓	↓		
04	PS-14 2-4'	↓		↓	↓		↓	↓				↓	↓	↓	↓	↓	↓	↓		
05	PS-15 4-8'	↓		↓	↓		↓	↓				↓	↓	↓	↓	↓	↓	↓		
06	PS-16 2-4'	↓		↓	↓		↓	↓				↓	↓	↓	↓	↓	↓	↓		
07	FB-1				X1		↓	4		1		↓	↓	↓	↓	↓	↓			
08	TB-1				X1		1					↓								

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

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

State specific reporting standards: CTDEP GB PMC + RDEC

☐ Fax results when available to (____) _____
☒ E-mail to dc@logicalenvironmental.com
EDD Format PDF

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 3.9C

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12/15/06	10:11 AM
[signature]	[signature]	12/15/06	1450

CSELER

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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-2	171-305	Blank Water	15-Dec-06 00:00	18-Dec-06
SA55812-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/l	1.0	1	SW846 8260B	20-Dec-06	20-Dec-06	6121560	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
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	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
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	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
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	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-2 SA55812-15	171-305	Blank Water	15-Dec-06 00:00	18-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	20-Dec-06	20-Dec-06	6121560	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*96.4*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*91.8*		*70-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	20-Dec-06	22-Dec-06	6121610	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		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	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	20-Dec-06	21-Dec-06	6121611	YP

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121560 - SW846 5030 Water MS										
Blank (6121560-BLK1)										
Prepared & Analyzed: 20-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121560 - SW846 5030 Water MS										
Blank (6121560-BLK1)										
Prepared & Analyzed: 20-Dec-06										
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						
1,1,1-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						
Surrogate: 4-Bromofluorobenzene	*47.9*		µg/l		*50.0*		*95.8*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.4*		µg/l		*50.0*		*98.8*	*70-130*		
Surrogate: Dibromofluoromethane	*46.9*		µg/l		*50.0*		*93.8*	*70-130*		
LCS (6121560-BS1)										
Prepared & Analyzed: 20-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.2		µg/l		20.0		121	70-130		
Acetone	26.0		µg/l		20.0		130	29.5-156		
Acrylonitrile	25.8		µg/l		20.0		129	70-130		
Benzene	20.6		µg/l		20.0		103	70-130		
Bromobenzene	18.7		µg/l		20.0		93.5	70-130		
Bromochloromethane	18.6		µg/l		20.0		93.0	70-130		
Bromodichloromethane	20.9		µg/l		20.0		104	70-130		
Bromoform	19.8		µg/l		20.0		99.0	70-130		
Bromomethane	18.5		µg/l		20.0		92.5	57.7-151		
2-Butanone (MEK)	22.8		µg/l		20.0		114	48.9-134		
n-Butylbenzene	26.0		µg/l		20.0		130	70-130		
sec-Butylbenzene	22.7		µg/l		20.0		114	70-130		
tert-Butylbenzene	22.5		µg/l		20.0		112	70-130		
Carbon disulfide	20.0		µg/l		20.0		100	70-130		
Carbon tetrachloride	23.7		µg/l		20.0		118	70-130		
Chlorobenzene	20.5		µg/l		20.0		102	70-130		
Chloroethane	26.0		µg/l		20.0		130	56.9-145		
Chloroform	20.0		µg/l		20.0		100	70-130		
Chloromethane	28.2	QC2	µg/l		20.0		141	70-130		
2-Chlorotoluene	22.6		µg/l		20.0		113	70-130		
4-Chlorotoluene	21.9		µg/l		20.0		110	70-130		
1,2-Dibromo-3-chloropropane	23.8		µg/l		20.0		119	70-130		
Dibromochloromethane	19.4		µg/l		20.0		97.0	61.5-142		
1,2-Dibromoethane (EDB)	20.0		µg/l		20.0		100	70-130		
Dibromomethane	18.7		µg/l		20.0		93.5	70-130		
1,2-Dichlorobenzene	21.4		µg/l		20.0		107	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121560 - SW846 5030 Water MS										
LCS (6121560-BS1)										
Prepared & Analyzed: 20-Dec-06										
1,3-Dichlorobenzene	19.6		µg/l		20.0		98.0	70-130		
1,4-Dichlorobenzene	21.1		µg/l		20.0		106	70-130		
Dichlorodifluoromethane (Freon12)	21.0		µg/l		20.0		105	36.6-187		
1,1-Dichloroethane	20.7		µg/l		20.0		104	70-130		
1,2-Dichloroethane	19.8		µg/l		20.0		99.0	70-130		
1,1-Dichloroethene	25.7		µg/l		20.0		128	70-130		
cis-1,2-Dichloroethene	21.4		µg/l		20.0		107	70-130		
trans-1,2-Dichloroethene	19.9		µg/l		20.0		99.5	70-130		
1,2-Dichloropropane	21.0		µg/l		20.0		105	70-130		
1,3-Dichloropropane	19.0		µg/l		20.0		95.0	70-130		
2,2-Dichloropropane	24.3		µg/l		20.0		122	70-130		
1,1-Dichloropropene	20.7		µg/l		20.0		104	70-130		
cis-1,3-Dichloropropene	22.0		µg/l		20.0		110	70-130		
trans-1,3-Dichloropropene	19.6		µg/l		20.0		98.0	70-130		
Ethylbenzene	21.4		µg/l		20.0		107	70-130		
Hexachlorobutadiene	19.4		µg/l		20.0		97.0	68.7-142		
2-Hexanone (MBK)	22.2		µg/l		20.0		111	56.3-131		
Isopropylbenzene	21.0		µg/l		20.0		105	70-130		
4-Isopropyltoluene	25.9		µg/l		20.0		130	70-130		
Methyl tert-butyl ether	20.3		µg/l		20.0		102	70-130		
4-Methyl-2-pentanone (MIBK)	22.1		µg/l		20.0		110	55.2-129		
Methylene chloride	21.8		µg/l		20.0		109	70-130		
Naphthalene	22.4		µg/l		20.0		112	70-130		
n-Propylbenzene	21.7		µg/l		20.0		108	70-130		
Styrene	21.7		µg/l		20.0		108	70-130		
1,1,1,2-Tetrachloroethane	23.3		µg/l		20.0		116	70-130		
1,1,2,2-Tetrachloroethane	20.5		µg/l		20.0		102	70-130		
Tetrachloroethene	18.1		µg/l		20.0		90.5	70-130		
Toluene	19.8		µg/l		20.0		99.0	70-130		
1,2,3-Trichlorobenzene	20.0		µg/l		20.0		100	70-130		
1,2,4-Trichlorobenzene	19.4		µg/l		20.0		97.0	70-130		
1,1,1-Trichloroethane	21.9		µg/l		20.0		110	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)	24.3		µg/l		20.0		122	68-148		
1,2,3-Trichloropropane	22.7		µg/l		20.0		114	70-130		
1,2,4-Trimethylbenzene	22.1		µg/l		20.0		110	70-130		
1,3,5-Trimethylbenzene	22.0		µg/l		20.0		110	70-130		
Vinyl chloride	28.7	QC2	µg/l		20.0		144	70-130		
m,p-Xylene	44.1		µg/l		40.0		110	70-130		
o-Xylene	22.7		µg/l		20.0		114	70-130		
Tetrahydrofuran	21.4		µg/l		20.0		107	70-130		
Ethyl ether	25.9		µg/l		20.0		130	57.6-132		
Tert-amyl methyl ether	18.4		µg/l		20.0		92.0	70-130		
Ethyl tert-butyl ether	23.9		µg/l		20.0		120	70-130		
Di-isopropyl ether	22.4		µg/l		20.0		112	70-130		
Tert-Butanol / butyl alcohol	208		µg/l		200		104	70-130		
1,4-Dioxane	194		µg/l		200		97.0	45.2-132		
Surrogate: 4-Bromofluorobenzene	*48.5*		µg/l		*50.0*		*97.0*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Surrogate: Dibromofluoromethane	*47.6*		µg/l		*50.0*		*95.2*	*70-130*		
LCS Dup (6121560-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121560 - SW846 5030 Water MS										
Prepared & Analyzed: 20-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.6		µg/l		20.0		118	70-130	2.51	25
Acetone	26.8		µg/l		20.0		134	29.5-156	3.03	50
Acrylonitrile	25.2		µg/l		20.0		126	70-130	2.35	25
Benzene	19.7		µg/l		20.0		98.5	70-130	4.47	25
Bromobenzene	19.7		µg/l		20.0		98.5	70-130	5.21	25
Bromochloromethane	19.4		µg/l		20.0		97.0	70-130	4.21	25
Bromodichloromethane	20.8		µg/l		20.0		104	70-130	0.00	25
Bromoform	19.6		µg/l		20.0		98.0	70-130	1.02	25
Bromomethane	18.9		µg/l		20.0		94.5	57.7-151	2.14	50
2-Butanone (MEK)	19.7		µg/l		20.0		98.5	48.9-134	14.6	50
n-Butylbenzene	23.8		µg/l		20.0		119	70-130	8.84	25
sec-Butylbenzene	20.8		µg/l		20.0		104	70-130	9.17	25
tert-Butylbenzene	20.9		µg/l		20.0		104	70-130	7.41	25
Carbon disulfide	19.2		µg/l		20.0		96.0	70-130	4.08	25
Carbon tetrachloride	22.9		µg/l		20.0		114	70-130	3.45	25
Chlorobenzene	21.1		µg/l		20.0		106	70-130	3.85	25
Chloroethane	24.8		µg/l		20.0		124	56.9-145	4.72	50
Chloroform	19.3		µg/l		20.0		96.5	70-130	3.56	25
Chloromethane	27.0	QC2	µg/l		20.0		135	70-130	4.35	25
2-Chlorotoluene	21.1		µg/l		20.0		106	70-130	6.39	25
4-Chlorotoluene	22.0		µg/l		20.0		110	70-130	0.00	25
1,2-Dibromo-3-chloropropane	25.4		µg/l		20.0		127	70-130	6.50	25
Dibromochloromethane	19.3		µg/l		20.0		96.5	61.5-142	0.517	50
1,2-Dibromoethane (EDB)	20.0		µg/l		20.0		100	70-130	0.00	25
Dibromomethane	19.2		µg/l		20.0		96.0	70-130	2.64	25
1,2-Dichlorobenzene	21.8		µg/l		20.0		109	70-130	1.85	25
1,3-Dichlorobenzene	19.8		µg/l		20.0		99.0	70-130	1.02	25
1,4-Dichlorobenzene	21.3		µg/l		20.0		106	70-130	0.00	25
Dichlorodifluoromethane (Freon12)	20.3		µg/l		20.0		102	36.6-187	2.90	50
1,1-Dichloroethane	19.7		µg/l		20.0		98.5	70-130	5.43	25
1,2-Dichloroethane	20.7		µg/l		20.0		104	70-130	4.93	25
1,1-Dichloroethene	25.2		µg/l		20.0		126	70-130	1.57	25
cis-1,2-Dichloroethene	21.4		µg/l		20.0		107	70-130	0.00	25
trans-1,2-Dichloroethene	19.5		µg/l		20.0		97.5	70-130	2.03	25
1,2-Dichloropropane	20.8		µg/l		20.0		104	70-130	0.957	25
1,3-Dichloropropane	19.6		µg/l		20.0		98.0	70-130	3.11	25
2,2-Dichloropropane	23.0		µg/l		20.0		115	70-130	5.91	25
1,1-Dichloropropene	19.6		µg/l		20.0		98.0	70-130	5.94	25
cis-1,3-Dichloropropene	22.3		µg/l		20.0		112	70-130	1.80	25
trans-1,3-Dichloropropene	20.6		µg/l		20.0		103	70-130	4.98	25
Ethylbenzene	20.9		µg/l		20.0		104	70-130	2.84	25
Hexachlorobutadiene	19.1		µg/l		20.0		95.5	68.7-142	1.56	50
2-Hexanone (MBK)	21.5		µg/l		20.0		108	56.3-131	2.74	25
Isopropylbenzene	20.3		µg/l		20.0		102	70-130	2.90	25
4-Isopropyltoluene	23.4		µg/l		20.0		117	70-130	10.5	25
Methyl tert-butyl ether	20.5		µg/l		20.0		102	70-130	0.00	25
4-Methyl-2-pentanone (MIBK)	21.5		µg/l		20.0		108	55.2-129	1.83	50
Methylene chloride	22.4		µg/l		20.0		112	70-130	2.71	25
Naphthalene	25.9		µg/l		20.0		130	70-130	14.9	25
n-Propylbenzene	20.4		µg/l		20.0		102	70-130	5.71	25
Styrene	22.8		µg/l		20.0		114	70-130	5.41	25
1,1,1,2-Tetrachloroethane	24.0		µg/l		20.0		120	70-130	3.39	25
1,1,2,2-Tetrachloroethane	21.6		µg/l		20.0		108	70-130	5.71	25
Tetrachloroethene	16.4		µg/l		20.0		82.0	70-130	9.86	25
Toluene	18.6		µg/l		20.0		93.0	70-130	6.25	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121560 - SW846 5030 Water MS										
LCS Dup (6121560-BSD1)										
Prepared & Analyzed: 20-Dec-06										
1,2,3-Trichlorobenzene	23.2		µg/l		20.0		116	70-130	14.8	25
1,2,4-Trichlorobenzene	21.1		µg/l		20.0		106	70-130	8.87	25
1,1,1-Trichloroethane	20.4		µg/l		20.0		102	70-130	7.55	25
1,1,2-Trichloroethane	20.7		µg/l		20.0		104	70-130	3.92	25
Trichloroethene	19.6		µg/l		20.0		98.0	70-130	3.02	25
Trichlorofluoromethane (Freon 11)	24.1		µg/l		20.0		120	68-148	1.65	50
1,2,3-Trichloropropane	24.5		µg/l		20.0		122	70-130	6.78	25
1,2,4-Trimethylbenzene	21.8		µg/l		20.0		109	70-130	0.913	25
1,3,5-Trimethylbenzene	21.5		µg/l		20.0		108	70-130	1.83	25
Vinyl chloride	29.6	QC2	µg/l		20.0		148	70-130	2.74	25
m,p-Xylene	43.6		µg/l		40.0		109	70-130	0.913	25
o-Xylene	22.4		µg/l		20.0		112	70-130	1.77	25
Tetrahydrofuran	21.3		µg/l		20.0		106	70-130	0.939	25
Ethyl ether	27.1	QC1	µg/l		20.0		136	57.6-132	4.51	50
Tert-amyl methyl ether	19.0		µg/l		20.0		95.0	70-130	3.21	25
Ethyl tert-butyl ether	24.4		µg/l		20.0		122	70-130	1.65	25
Di-isopropyl ether	22.7		µg/l		20.0		114	70-130	1.77	25
Tert-Butanol / butyl alcohol	189		µg/l		200		94.5	70-130	9.57	25
1,4-Dioxane	188		µg/l		200		94.0	45.2-132	3.14	25
Surrogate: 4-Bromofluorobenzene	*49.5*		µg/l		*50.0*		*99.0*	*70-130*		
Surrogate: Toluene-d8	*48.6*		µg/l		*50.0*		*97.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.0*		µg/l		*50.0*		*96.0*	*70-130*		
Surrogate: Dibromofluoromethane	*46.7*		µg/l		*50.0*		*93.4*	*70-130*		
Matrix Spike (6121560-MS1) **Source: SA55211-01**										
Prepared & Analyzed: 20-Dec-06										
Benzene	17.8		µg/l		20.0	BRL	89.0	70-130		
Chlorobenzene	18.7		µg/l		20.0	BRL	93.5	70-130		
1,1-Dichloroethene	24.1		µg/l		20.0	4.28	99.1	70-130		
Toluene	17.4		µg/l		20.0	BRL	87.0	70-130		
Trichloroethene	37.3	QM7	µg/l		20.0	27.0	51.5	70-130		
Surrogate: 4-Bromofluorobenzene	*49.7*		µg/l		*50.0*		*99.4*	*70-130*		
Surrogate: Toluene-d8	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.4*		µg/l		*50.0*		*98.8*	*70-130*		
Surrogate: Dibromofluoromethane	*47.3*		µg/l		*50.0*		*94.6*	*70-130*		
Matrix Spike Dup (6121560-MSD1) **Source: SA55211-01**										
Prepared & Analyzed: 20-Dec-06										
Benzene	19.1		µg/l		20.0	BRL	95.5	70-130	7.05	30
Chlorobenzene	19.8		µg/l		20.0	BRL	99.0	70-130	5.71	30
1,1-Dichloroethene	25.4		µg/l		20.0	4.28	106	70-130	6.73	30
Toluene	18.0		µg/l		20.0	BRL	90.0	70-130	3.39	30
Trichloroethene	38.9	QM7	µg/l		20.0	27.0	59.5	70-130	14.4	30
Surrogate: 4-Bromofluorobenzene	*48.9*		µg/l		*50.0*		*97.8*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.5*		µg/l		*50.0*		*99.0*	*70-130*		
Surrogate: Dibromofluoromethane	*46.9*		µg/l		*50.0*		*93.8*	*70-130*		
Batch 6121732 - SW846 5030 Soil (high level)										
Blank (6121732-BLK1)										
Prepared & Analyzed: 21-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	20.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121732 - SW846 5030 Soil (high level)										
Blank (6121732-BLK1)										
Prepared & Analyzed: 21-Dec-06										
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121732 - SW846 5030 Soil (high level)										
Blank (6121732-BLK1)										
Prepared & Analyzed: 21-Dec-06										
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						
Surrogate: 4-Bromofluorobenzene	*48.8*		µg/kg wet		*50.0*		*97.6*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/kg wet		*50.0*		*99.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.1*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*51.1*		µg/kg wet		*50.0*		*102*	*70-130*		
LCS (6121732-BS1)										
Prepared & Analyzed: 21-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.0		µg/kg wet		20.0		115	70-130		
Acetone	17.1		µg/kg wet		20.0		85.5	3.31-159		
Acrylonitrile	19.7		µg/kg wet		20.0		98.5	70-130		
Benzene	21.7		µg/kg wet		20.0		108	70-130		
Bromobenzene	24.7		µg/kg wet		20.0		124	70-130		
Bromochloromethane	22.0		µg/kg wet		20.0		110	70-130		
Bromodichloromethane	22.8		µg/kg wet		20.0		114	70-130		
Bromoform	26.4	QC1	µg/kg wet		20.0		132	70-130		
Bromomethane	15.2		µg/kg wet		20.0		76.0	50-140		
2-Butanone (MEK)	19.6		µg/kg wet		20.0		98.0	47.7-127		
n-Butylbenzene	26.6	QC1	µg/kg wet		20.0		133	70-130		
sec-Butylbenzene	25.3		µg/kg wet		20.0		126	70-130		
tert-Butylbenzene	25.5		µg/kg wet		20.0		128	70-130		
Carbon disulfide	19.4		µg/kg wet		20.0		97.0	70-130		
Carbon tetrachloride	22.3		µg/kg wet		20.0		112	70-130		
Chlorobenzene	24.0		µg/kg wet		20.0		120	70-130		
Chloroethane	19.4		µg/kg wet		20.0		97.0	55.9-135		
Chloroform	21.8		µg/kg wet		20.0		109	70-130		
Chloromethane	17.0		µg/kg wet		20.0		85.0	70-130		
2-Chlorotoluene	24.6		µg/kg wet		20.0		123	70-130		
4-Chlorotoluene	24.9		µg/kg wet		20.0		124	70-130		
1,2-Dibromo-3-chloropropane	23.2		µg/kg wet		20.0		116	70-130		
Dibromochloromethane	23.2		µg/kg wet		20.0		116	72-125		
1,2-Dibromoethane (EDB)	22.2		µg/kg wet		20.0		111	70-130		
Dibromomethane	21.6		µg/kg wet		20.0		108	70-130		
1,2-Dichlorobenzene	25.2		µg/kg wet		20.0		126	70-130		
1,3-Dichlorobenzene	24.4		µg/kg wet		20.0		122	70-130		
1,4-Dichlorobenzene	24.3		µg/kg wet		20.0		122	70-130		
Dichlorodifluoromethane (Freon12)	18.7		µg/kg wet		20.0		93.5	42.3-190		
1,1-Dichloroethane	20.9		µg/kg wet		20.0		104	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121732 - SW846 5030 Soil (high level)										
LCS (6121732-BS1)										
Prepared & Analyzed: 21-Dec-06										
1,2-Dichloroethane	20.4		µg/kg wet		20.0		102	70-130		
1,1-Dichloroethene	20.6		µg/kg wet		20.0		103	70-130		
cis-1,2-Dichloroethene	22.6		µg/kg wet		20.0		113	70-130		
trans-1,2-Dichloroethene	21.4		µg/kg wet		20.0		107	70-130		
1,2-Dichloropropane	21.8		µg/kg wet		20.0		109	70-130		
1,3-Dichloropropane	21.3		µg/kg wet		20.0		106	70-130		
2,2-Dichloropropane	23.0		µg/kg wet		20.0		115	70-130		
1,1-Dichloropropene	21.6		µg/kg wet		20.0		108	70-130		
cis-1,3-Dichloropropene	26.2	QC1	µg/kg wet		20.0		131	70-130		
trans-1,3-Dichloropropene	20.8		µg/kg wet		20.0		104	70-130		
Ethylbenzene	24.2		µg/kg wet		20.0		121	70-130		
Hexachlorobutadiene	26.2		µg/kg wet		20.0		131	70-137		
2-Hexanone (MBK)	19.4		µg/kg wet		20.0		97.0	70-130		
Isopropylbenzene	23.5		µg/kg wet		20.0		118	70-130		
4-Isopropyltoluene	26.4	QC1	µg/kg wet		20.0		132	70-130		
Methyl tert-butyl ether	23.9		µg/kg wet		20.0		120	70-130		
4-Methyl-2-pentanone (MIBK)	20.6		µg/kg wet		20.0		103	48.5-127		
Methylene chloride	20.1		µg/kg wet		20.0		100	70-130		
Naphthalene	26.5	QC1	µg/kg wet		20.0		132	70-130		
n-Propylbenzene	24.5		µg/kg wet		20.0		122	70-130		
Styrene	24.9		µg/kg wet		20.0		124	70-130		
1,1,1,2-Tetrachloroethane	25.0		µg/kg wet		20.0		125	70-130		
1,1,2,2-Tetrachloroethane	23.1		µg/kg wet		20.0		116	70-130		
Tetrachloroethene	22.6		µg/kg wet		20.0		113	70-130		
Toluene	21.5		µg/kg wet		20.0		108	70-130		
1,2,3-Trichlorobenzene	26.0		µg/kg wet		20.0		130	70-130		
1,2,4-Trichlorobenzene	25.9		µg/kg wet		20.0		130	70-130		
1,1,1-Trichloroethane	22.8		µg/kg wet		20.0		114	70-130		
1,1,2-Trichloroethane	22.0		µg/kg wet		20.0		110	70-130		
Trichloroethene	21.5		µg/kg wet		20.0		108	70-130		
Trichlorofluoromethane (Freon 11)	20.7		µg/kg wet		20.0		104	66.5-144		
1,2,3-Trichloropropane	24.9		µg/kg wet		20.0		124	70-130		
1,2,4-Trimethylbenzene	25.4		µg/kg wet		20.0		127	70-130		
1,3,5-Trimethylbenzene	25.2		µg/kg wet		20.0		126	70-130		
Vinyl chloride	19.4		µg/kg wet		20.0		97.0	70-130		
m,p-Xylene	49.7		µg/kg wet		40.0		124	70-130		
o-Xylene	25.4		µg/kg wet		20.0		127	70-130		
Tetrahydrofuran	19.2		µg/kg wet		20.0		96.0	70-130		
Ethyl ether	20.2		µg/kg wet		20.0		101	64.9-123		
Tert-amyl methyl ether	18.1		µg/kg wet		20.0		90.5	70-130		
Ethyl tert-butyl ether	28.3	QC2	µg/kg wet		20.0		142	70-130		
Di-isopropyl ether	20.5		µg/kg wet		20.0		102	70-130		
Tert-Butanol / butyl alcohol	214		µg/kg wet		200		107	70-130		
1,4-Dioxane	205		µg/kg wet		200		102	40-134		
Surrogate: 4-Bromofluorobenzene	*49.3*		µg/kg wet		*50.0*		*98.6*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/kg wet		*50.0*		*99.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.0*		µg/kg wet		*50.0*		*94.0*	*70-130*		
Surrogate: Dibromofluoromethane	*49.9*		µg/kg wet		*50.0*		*99.8*	*70-130*		
LCS Dup (6121732-BSD1)										
Prepared & Analyzed: 21-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.1		µg/kg wet		20.0		106	70-130	8.14	25
Acetone	18.5		µg/kg wet		20.0		92.5	3.31-159	7.87	50
Acrylonitrile	19.6		µg/kg wet		20.0		98.0	70-130	0.509	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121732 - SW846 5030 Soil (high level)										
LCS Dup (6121732-BSD1)										
Prepared & Analyzed: 21-Dec-06										
Benzene	20.8		µg/kg wet		20.0		104	70-130	3.77	25
Bromobenzene	23.2		µg/kg wet		20.0		116	70-130	6.67	25
Bromochloromethane	21.8		µg/kg wet		20.0		109	70-130	0.913	25
Bromodichloromethane	21.8		µg/kg wet		20.0		109	70-130	4.48	25
Bromoform	25.8		µg/kg wet		20.0		129	70-130	2.30	25
Bromomethane	14.8		µg/kg wet		20.0		74.0	50-140	2.67	50
2-Butanone (MEK)	18.9		µg/kg wet		20.0		94.5	47.7-127	3.64	50
n-Butylbenzene	24.4		µg/kg wet		20.0		122	70-130	8.63	25
sec-Butylbenzene	23.2		µg/kg wet		20.0		116	70-130	8.26	25
tert-Butylbenzene	23.6		µg/kg wet		20.0		118	70-130	8.13	25
Carbon disulfide	18.7		µg/kg wet		20.0		93.5	70-130	3.67	25
Carbon tetrachloride	21.1		µg/kg wet		20.0		106	70-130	5.50	25
Chlorobenzene	22.9		µg/kg wet		20.0		114	70-130	5.13	25
Chloroethane	18.2		µg/kg wet		20.0		91.0	55.9-135	6.38	50
Chloroform	20.8		µg/kg wet		20.0		104	70-130	4.69	25
Chloromethane	16.2		µg/kg wet		20.0		81.0	70-130	4.82	25
2-Chlorotoluene	22.9		µg/kg wet		20.0		114	70-130	7.59	25
4-Chlorotoluene	23.2		µg/kg wet		20.0		116	70-130	6.67	25
1,2-Dibromo-3-chloropropane	23.0		µg/kg wet		20.0		115	70-130	0.866	25
Dibromochloromethane	22.8		µg/kg wet		20.0		114	72-125	1.74	50
1,2-Dibromoethane (EDB)	22.2		µg/kg wet		20.0		111	70-130	0.00	25
Dibromomethane	21.4		µg/kg wet		20.0		107	70-130	0.930	25
1,2-Dichlorobenzene	23.8		µg/kg wet		20.0		119	70-130	5.71	25
1,3-Dichlorobenzene	23.0		µg/kg wet		20.0		115	70-130	5.91	25
1,4-Dichlorobenzene	23.1		µg/kg wet		20.0		116	70-130	5.04	25
Dichlorodifluoromethane (Freon12)	17.5		µg/kg wet		20.0		87.5	42.3-190	6.63	50
1,1-Dichloroethane	20.1		µg/kg wet		20.0		100	70-130	3.92	25
1,2-Dichloroethane	20.6		µg/kg wet		20.0		103	70-130	0.976	25
1,1-Dichloroethene	19.2		µg/kg wet		20.0		96.0	70-130	7.04	25
cis-1,2-Dichloroethene	22.0		µg/kg wet		20.0		110	70-130	2.69	25
trans-1,2-Dichloroethene	20.5		µg/kg wet		20.0		102	70-130	4.78	25
1,2-Dichloropropane	21.0		µg/kg wet		20.0		105	70-130	3.74	25
1,3-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130	0.00	25
2,2-Dichloropropane	21.8		µg/kg wet		20.0		109	70-130	5.36	25
1,1-Dichloropropene	20.1		µg/kg wet		20.0		100	70-130	7.69	25
cis-1,3-Dichloropropene	25.5		µg/kg wet		20.0		128	70-130	2.32	25
trans-1,3-Dichloropropene	20.2		µg/kg wet		20.0		101	70-130	2.93	25
Ethylbenzene	22.6		µg/kg wet		20.0		113	70-130	6.84	25
Hexachlorobutadiene	24.0		µg/kg wet		20.0		120	70-137	8.76	50
2-Hexanone (MBK)	19.7		µg/kg wet		20.0		98.5	70-130	1.53	25
Isopropylbenzene	21.7		µg/kg wet		20.0		108	70-130	8.85	25
4-Isopropyltoluene	24.6		µg/kg wet		20.0		123	70-130	7.06	25
Methyl tert-butyl ether	24.1		µg/kg wet		20.0		120	70-130	0.00	25
4-Methyl-2-pentanone (MIBK)	21.1		µg/kg wet		20.0		106	48.5-127	2.87	50
Methylene chloride	19.0		µg/kg wet		20.0		95.0	70-130	5.13	25
Naphthalene	25.3		µg/kg wet		20.0		126	70-130	4.65	25
n-Propylbenzene	22.6		µg/kg wet		20.0		113	70-130	7.66	25
Styrene	23.7		µg/kg wet		20.0		118	70-130	4.96	25
1,1,1,2-Tetrachloroethane	23.9		µg/kg wet		20.0		120	70-130	4.08	25
1,1,2,2-Tetrachloroethane	22.9		µg/kg wet		20.0		114	70-130	1.74	25
Tetrachloroethene	21.1		µg/kg wet		20.0		106	70-130	6.39	25
Toluene	20.5		µg/kg wet		20.0		102	70-130	5.71	25
1,2,3-Trichlorobenzene	24.1		µg/kg wet		20.0		120	70-130	8.00	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121732 - SW846 5030 Soil (high level)										
LCS Dup (6121732-BSD1)										
Prepared & Analyzed: 21-Dec-06										
1,2,4-Trichlorobenzene	24.4		µg/kg wet		20.0		122	70-130	6.35	25
1,1,1-Trichloroethane	21.3		µg/kg wet		20.0		106	70-130	7.27	25
1,1,2-Trichloroethane	22.1		µg/kg wet		20.0		110	70-130	0.00	25
Trichloroethene	20.5		µg/kg wet		20.0		102	70-130	5.71	25
Trichlorofluoromethane (Freon 11)	19.1		µg/kg wet		20.0		95.5	66.5-144	8.52	50
1,2,3-Trichloropropane	24.4		µg/kg wet		20.0		122	70-130	1.63	25
1,2,4-Trimethylbenzene	23.6		µg/kg wet		20.0		118	70-130	7.35	25
1,3,5-Trimethylbenzene	23.4		µg/kg wet		20.0		117	70-130	7.41	25
Vinyl chloride	18.1		µg/kg wet		20.0		90.5	70-130	6.93	25
m,p-Xylene	46.4		µg/kg wet		40.0		116	70-130	6.67	25
o-Xylene	24.0		µg/kg wet		20.0		120	70-130	5.67	25
Tetrahydrofuran	19.5		µg/kg wet		20.0		97.5	70-130	1.55	25
Ethyl ether	20.0		µg/kg wet		20.0		100	64.9-123	0.995	50
Tert-amyl methyl ether	18.0		µg/kg wet		20.0		90.0	70-130	0.554	25
Ethyl tert-butyl ether	27.8	QC2	µg/kg wet		20.0		139	70-130	2.14	25
Di-isopropyl ether	20.1		µg/kg wet		20.0		100	70-130	1.98	25
Tert-Butanol / butyl alcohol	217		µg/kg wet		200		108	70-130	0.930	25
1,4-Dioxane	200		µg/kg wet		200		100	40-134	1.98	25
Surrogate: 4-Bromofluorobenzene	*49.3*		µg/kg wet		*50.0*		*98.6*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/kg wet		*50.0*		*99.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.9*		µg/kg wet		*50.0*		*93.8*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/kg wet		*50.0*		*100*	*70-130*		
Matrix Spike (6121732-MS1) **Source: SA55837-01**										
Prepared & Analyzed: 21-Dec-06										
Benzene	18.7		µg/kg dry		20.0	BRL	93.5	70-130		
Chlorobenzene	22.3		µg/kg dry		20.0	BRL	112	70-130		
1,1-Dichloroethene	20.2		µg/kg dry		20.0	BRL	101	70-130		
Toluene	19.4		µg/kg dry		20.0	BRL	97.0	70-130		
Trichloroethene	19.8		µg/kg dry		20.0	BRL	99.0	70-130		
Surrogate: 4-Bromofluorobenzene	*51.9*		µg/kg dry		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*49.4*		µg/kg dry		*50.0*		*98.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.1*		µg/kg dry		*50.0*		*90.2*	*70-130*		
Surrogate: Dibromofluoromethane	*48.6*		µg/kg dry		*50.0*		*97.2*	*70-130*		
Matrix Spike Dup (6121732-MSD1) **Source: SA55837-01**										
Prepared & Analyzed: 21-Dec-06										
Benzene	18.9		µg/kg dry		20.0	BRL	94.5	70-130	1.06	30
Chlorobenzene	22.2		µg/kg dry		20.0	BRL	111	70-130	0.897	30
1,1-Dichloroethene	20.1		µg/kg dry		20.0	BRL	100	70-130	0.995	30
Toluene	19.3		µg/kg dry		20.0	BRL	96.5	70-130	0.517	30
Trichloroethene	20.0		µg/kg dry		20.0	BRL	100	70-130	1.01	30
Surrogate: 4-Bromofluorobenzene	*52.1*		µg/kg dry		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/kg dry		*50.0*		*99.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.8*		µg/kg dry		*50.0*		*89.6*	*70-130*		
Surrogate: Dibromofluoromethane	*48.3*		µg/kg dry		*50.0*		*96.6*	*70-130*		
Batch 6121754 - SW846 5030 Water MS										
Blank (6121754-BLK1)										
Prepared & Analyzed: 21-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	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 6121754 - SW846 5030 Water MS										
Blank (6121754-BLK1)										
Prepared & Analyzed: 21-Dec-06										
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
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						
1,1,1-Trichloroethane	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121754 - SW846 5030 Water MS										
Blank (6121754-BLK1)										
Prepared & Analyzed: 21-Dec-06										
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						
Surrogate: 4-Bromofluorobenzene	*30.9*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/l		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.6*		µg/l		*30.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*31.6*		µg/l		*30.0*		*105*	*70-130*		
LCS (6121754-BS1)										
Prepared & Analyzed: 21-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.2		µg/l		20.0		106	70-130		
Acetone	29.4		µg/l		20.0		147	29.5-156		
Acrylonitrile	20.4		µg/l		20.0		102	70-130		
Benzene	19.2		µg/l		20.0		96.0	70-130		
Bromobenzene	21.8		µg/l		20.0		109	70-130		
Bromochloromethane	21.4		µg/l		20.0		107	70-130		
Bromodichloromethane	21.7		µg/l		20.0		108	70-130		
Bromoform	23.9		µg/l		20.0		120	70-130		
Bromomethane	17.4		µg/l		20.0		87.0	57.7-151		
2-Butanone (MEK)	20.9		µg/l		20.0		104	48.9-134		
n-Butylbenzene	19.8		µg/l		20.0		99.0	70-130		
sec-Butylbenzene	21.8		µg/l		20.0		109	70-130		
tert-Butylbenzene	22.5		µg/l		20.0		112	70-130		
Carbon disulfide	18.9		µg/l		20.0		94.5	70-130		
Carbon tetrachloride	19.8		µg/l		20.0		99.0	70-130		
Chlorobenzene	20.6		µg/l		20.0		103	70-130		
Chloroethane	17.7		µg/l		20.0		88.5	56.9-145		
Chloroform	19.2		µg/l		20.0		96.0	70-130		
Chloromethane	17.0		µg/l		20.0		85.0	70-130		
2-Chlorotoluene	21.8		µg/l		20.0		109	70-130		
4-Chlorotoluene	22.0		µg/l		20.0		110	70-130		
1,2-Dibromo-3-chloropropane	20.6		µg/l		20.0		103	70-130		
Dibromochloromethane	22.8		µg/l		20.0		114	61.5-142		
1,2-Dibromoethane (EDB)	21.6		µg/l		20.0		108	70-130		
Dibromomethane	20.7		µg/l		20.0		104	70-130		
1,2-Dichlorobenzene	21.6		µg/l		20.0		108	70-130		
1,3-Dichlorobenzene	22.3		µg/l		20.0		112	70-130		
1,4-Dichlorobenzene	20.0		µg/l		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	17.5		µg/l		20.0		87.5	36.6-187		
1,1-Dichloroethane	19.9		µg/l		20.0		99.5	70-130		
1,2-Dichloroethane	20.8		µg/l		20.0		104	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121754 - SW846 5030 Water MS										
LCS (6121754-BS1)										
Prepared & Analyzed: 21-Dec-06										
1,1-Dichloroethene	18.5		µg/l		20.0		92.5	70-130		
cis-1,2-Dichloroethene	20.7		µg/l		20.0		104	70-130		
trans-1,2-Dichloroethene	19.1		µg/l		20.0		95.5	70-130		
1,2-Dichloropropane	20.2		µg/l		20.0		101	70-130		
1,3-Dichloropropane	21.0		µg/l		20.0		105	70-130		
2,2-Dichloropropane	18.2		µg/l		20.0		91.0	70-130		
1,1-Dichloropropene	19.6		µg/l		20.0		98.0	70-130		
cis-1,3-Dichloropropene	20.8		µg/l		20.0		104	70-130		
trans-1,3-Dichloropropene	21.6		µg/l		20.0		108	70-130		
Ethylbenzene	21.2		µg/l		20.0		106	70-130		
Hexachlorobutadiene	20.2		µg/l		20.0		101	68.7-142		
2-Hexanone (MBK)	22.6		µg/l		20.0		113	56.3-131		
Isopropylbenzene	20.4		µg/l		20.0		102	70-130		
4-Isopropyltoluene	20.9		µg/l		20.0		104	70-130		
Methyl tert-butyl ether	20.8		µg/l		20.0		104	70-130		
4-Methyl-2-pentanone (MIBK)	21.3		µg/l		20.0		106	55.2-129		
Methylene chloride	19.5		µg/l		20.0		97.5	70-130		
Naphthalene	22.7		µg/l		20.0		114	70-130		
n-Propylbenzene	21.1		µg/l		20.0		106	70-130		
Styrene	22.5		µg/l		20.0		112	70-130		
1,1,1,2-Tetrachloroethane	22.0		µg/l		20.0		110	70-130		
1,1,2,2-Tetrachloroethane	22.0		µg/l		20.0		110	70-130		
Tetrachloroethene	19.2		µg/l		20.0		96.0	70-130		
Toluene	19.8		µg/l		20.0		99.0	70-130		
1,2,3-Trichlorobenzene	22.1		µg/l		20.0		110	70-130		
1,2,4-Trichlorobenzene	20.6		µg/l		20.0		103	70-130		
1,1,1-Trichloroethane	20.1		µg/l		20.0		100	70-130		
1,1,2-Trichloroethane	21.4		µg/l		20.0		107	70-130		
Trichloroethene	19.1		µg/l		20.0		95.5	70-130		
Trichlorofluoromethane (Freon 11)	19.3		µg/l		20.0		96.5	68-148		
1,2,3-Trichloropropane	23.9		µg/l		20.0		120	70-130		
1,2,4-Trimethylbenzene	22.4		µg/l		20.0		112	70-130		
1,3,5-Trimethylbenzene	22.5		µg/l		20.0		112	70-130		
Vinyl chloride	19.0		µg/l		20.0		95.0	70-130		
m,p-Xylene	43.2		µg/l		40.0		108	70-130		
o-Xylene	21.6		µg/l		20.0		108	70-130		
Tetrahydrofuran	20.9		µg/l		20.0		104	70-130		
Ethyl ether	19.9		µg/l		20.0		99.5	57.6-132		
Tert-amyl methyl ether	20.6		µg/l		20.0		103	70-130		
Ethyl tert-butyl ether	20.6		µg/l		20.0		103	70-130		
Di-isopropyl ether	20.0		µg/l		20.0		100	70-130		
Tert-Butanol / butyl alcohol	221		µg/l		200		110	70-130		
1,4-Dioxane	216		µg/l		200		108	45.2-132		
Surrogate: 4-Bromofluorobenzene	*31.8*		µg/l		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/l		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.9*		µg/l		*30.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*30.9*		µg/l		*30.0*		*103*	*70-130*		
LCS Dup (6121754-BSD1)										
Prepared & Analyzed: 21-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.0		µg/l		20.0		105	70-130	0.948	25
Acetone	24.2		µg/l		20.0		121	29.5-156	19.4	50
Acrylonitrile	24.4		µg/l		20.0		122	70-130	17.9	25
Benzene	17.9		µg/l		20.0		89.5	70-130	7.01	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121754 - SW846 5030 Water MS										
LCS Dup (6121754-BSD1)										
Prepared & Analyzed: 21-Dec-06										
Bromobenzene	21.2		µg/l		20.0		106	70-130	2.79	25
Bromochloromethane	21.9		µg/l		20.0		110	70-130	2.76	25
Bromodichloromethane	21.9		µg/l		20.0		110	70-130	1.83	25
Bromoform	22.8		µg/l		20.0		114	70-130	5.13	25
Bromomethane	18.1		µg/l		20.0		90.5	57.7-151	3.94	50
2-Butanone (MEK)	23.8		µg/l		20.0		119	48.9-134	13.5	50
n-Butylbenzene	18.9		µg/l		20.0		94.5	70-130	4.65	25
sec-Butylbenzene	20.9		µg/l		20.0		104	70-130	4.69	25
tert-Butylbenzene	21.4		µg/l		20.0		107	70-130	4.57	25
Carbon disulfide	18.6		µg/l		20.0		93.0	70-130	1.60	25
Carbon tetrachloride	19.6		µg/l		20.0		98.0	70-130	1.02	25
Chlorobenzene	19.7		µg/l		20.0		98.5	70-130	4.47	25
Chloroethane	18.2		µg/l		20.0		91.0	56.9-145	2.79	50
Chloroform	20.0		µg/l		20.0		100	70-130	4.08	25
Chloromethane	17.4		µg/l		20.0		87.0	70-130	2.33	25
2-Chlorotoluene	21.0		µg/l		20.0		105	70-130	3.74	25
4-Chlorotoluene	20.8		µg/l		20.0		104	70-130	5.61	25
1,2-Dibromo-3-chloropropane	21.4		µg/l		20.0		107	70-130	3.81	25
Dibromochloromethane	24.0		µg/l		20.0		120	61.5-142	5.13	50
1,2-Dibromoethane (EDB)	23.7		µg/l		20.0		118	70-130	8.85	25
Dibromomethane	21.9		µg/l		20.0		110	70-130	5.61	25
1,2-Dichlorobenzene	20.8		µg/l		20.0		104	70-130	3.77	25
1,3-Dichlorobenzene	21.5		µg/l		20.0		108	70-130	3.64	25
1,4-Dichlorobenzene	19.0		µg/l		20.0		95.0	70-130	5.13	25
Dichlorodifluoromethane (Freon12)	17.4		µg/l		20.0		87.0	36.6-187	0.573	50
1,1-Dichloroethane	20.4		µg/l		20.0		102	70-130	2.48	25
1,2-Dichloroethane	21.9		µg/l		20.0		110	70-130	5.61	25
1,1-Dichloroethene	17.9		µg/l		20.0		89.5	70-130	3.30	25
cis-1,2-Dichloroethene	21.1		µg/l		20.0		106	70-130	1.90	25
trans-1,2-Dichloroethene	19.5		µg/l		20.0		97.5	70-130	2.07	25
1,2-Dichloropropane	19.3		µg/l		20.0		96.5	70-130	4.56	25
1,3-Dichloropropane	22.9		µg/l		20.0		114	70-130	8.22	25
2,2-Dichloropropane	18.5		µg/l		20.0		92.5	70-130	1.63	25
1,1-Dichloropropene	18.6		µg/l		20.0		93.0	70-130	5.24	25
cis-1,3-Dichloropropene	21.3		µg/l		20.0		106	70-130	1.90	25
trans-1,3-Dichloropropene	22.9		µg/l		20.0		114	70-130	5.41	25
Ethylbenzene	19.8		µg/l		20.0		99.0	70-130	6.83	25
Hexachlorobutadiene	19.0		µg/l		20.0		95.0	68.7-142	6.12	50
2-Hexanone (MBK)	26.2		µg/l		20.0		131	56.3-131	14.8	25
Isopropylbenzene	19.3		µg/l		20.0		96.5	70-130	5.54	25
4-Isopropyltoluene	19.6		µg/l		20.0		98.0	70-130	5.94	25
Methyl tert-butyl ether	23.1		µg/l		20.0		116	70-130	10.9	25
4-Methyl-2-pentanone (MIBK)	24.2		µg/l		20.0		121	55.2-129	13.2	50
Methylene chloride	20.4		µg/l		20.0		102	70-130	4.51	25
Naphthalene	24.3		µg/l		20.0		122	70-130	6.78	25
n-Propylbenzene	19.9		µg/l		20.0		99.5	70-130	6.33	25
Styrene	21.6		µg/l		20.0		108	70-130	3.64	25
1,1,1,2-Tetrachloroethane	20.9		µg/l		20.0		104	70-130	5.61	25
1,1,2,2-Tetrachloroethane	22.0		µg/l		20.0		110	70-130	0.00	25
Tetrachloroethene	19.6		µg/l		20.0		98.0	70-130	2.06	25
Toluene	20.2		µg/l		20.0		101	70-130	2.00	25
1,2,3-Trichlorobenzene	21.9		µg/l		20.0		110	70-130	0.00	25
1,2,4-Trichlorobenzene	19.8		µg/l		20.0		99.0	70-130	3.96	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121754 - SW846 5030 Water MS										
LCS Dup (6121754-BSD1)										
Prepared & Analyzed: 21-Dec-06										
1,1,1-Trichloroethane	20.2		µg/l		20.0		101	70-130	0.995	25
1,1,2-Trichloroethane	22.7		µg/l		20.0		114	70-130	6.33	25
Trichloroethene	19.2		µg/l		20.0		96.0	70-130	0.522	25
Trichlorofluoromethane (Freon 11)	19.1		µg/l		20.0		95.5	68-148	1.04	50
1,2,3-Trichloropropane	25.0		µg/l		20.0		125	70-130	4.08	25
1,2,4-Trimethylbenzene	21.1		µg/l		20.0		106	70-130	5.50	25
1,3,5-Trimethylbenzene	21.3		µg/l		20.0		106	70-130	5.50	25
Vinyl chloride	19.0		µg/l		20.0		95.0	70-130	0.00	25
m,p-Xylene	40.6		µg/l		40.0		102	70-130	5.71	25
o-Xylene	20.6		µg/l		20.0		103	70-130	4.74	25
Tetrahydrofuran	24.1		µg/l		20.0		120	70-130	14.3	25
Ethyl ether	22.0		µg/l		20.0		110	57.6-132	10.0	50
Tert-amyl methyl ether	21.4		µg/l		20.0		107	70-130	3.81	25
Ethyl tert-butyl ether	22.2		µg/l		20.0		111	70-130	7.48	25
Di-isopropyl ether	21.5		µg/l		20.0		108	70-130	7.69	25
Tert-Butanol / butyl alcohol	254		µg/l		200		127	70-130	14.3	25
1,4-Dioxane	218		µg/l		200		109	45.2-132	0.922	25
Surrogate: 4-Bromofluorobenzene	*32.0*		µg/l		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*32.3*		µg/l		*30.0*		*108*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*35.0*		µg/l		*30.0*		*117*	*70-130*		
Surrogate: Dibromofluoromethane	*33.8*		µg/l		*30.0*		*113*	*70-130*		
Matrix Spike (6121754-MS1) **Source: SA55476-01**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Benzene	18.3		µg/l		20.0	BRL	91.5	70-130		
Chlorobenzene	22.5		µg/l		20.0	BRL	112	70-130		
1,1-Dichloroethene	15.6		µg/l		20.0	BRL	78.0	70-130		
Toluene	21.3		µg/l		20.0	BRL	106	70-130		
Trichloroethene	21.8		µg/l		20.0	1.92	99.4	70-130		
Surrogate: 4-Bromofluorobenzene	*32.9*		µg/l		*30.0*		*110*	*70-130*		
Surrogate: Toluene-d8	*31.5*		µg/l		*30.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*35.6*		µg/l		*30.0*		*119*	*70-130*		
Surrogate: Dibromofluoromethane	*33.4*		µg/l		*30.0*		*111*	*70-130*		
Matrix Spike Dup (6121754-MSD1) **Source: SA55476-01**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Benzene	19.3		µg/l		20.0	BRL	96.5	70-130	5.32	30
Chlorobenzene	22.7		µg/l		20.0	BRL	114	70-130	1.77	30
1,1-Dichloroethene	17.4		µg/l		20.0	BRL	87.0	70-130	10.9	30
Toluene	22.2		µg/l		20.0	BRL	111	70-130	4.61	30
Trichloroethene	22.5		µg/l		20.0	1.92	103	70-130	3.56	30
Surrogate: 4-Bromofluorobenzene	*32.2*		µg/l		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*32.0*		µg/l		*30.0*		*107*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*35.4*		µg/l		*30.0*		*118*	*70-130*		
Surrogate: Dibromofluoromethane	*34.2*		µg/l		*30.0*		*114*	*70-130*		
Batch 6121824 - SW846 5035A Soil (low level)										
Blank (6121824-BLK1)										
Prepared: 22-Dec-06 Analyzed: 23-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121824 - SW846 5035A Soil (low level)										
Blank (6121824-BLK1)										
Prepared: 22-Dec-06 Analyzed: 23-Dec-06										
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121824 - SW846 5035A Soil (low level)										
Blank (6121824-BLK1)										
Prepared: 22-Dec-06 Analyzed: 23-Dec-06										
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						
Surrogate: 4-Bromofluorobenzene	*48.9*		µg/kg wet		*50.0*		*97.8*	*70-130*		
Surrogate: Toluene-d8	*49.3*		µg/kg wet		*50.0*		*98.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*55.2*		µg/kg wet		*50.0*		*110*	*70-130*		
Surrogate: Dibromofluoromethane	*52.4*		µg/kg wet		*50.0*		*105*	*70-130*		
LCS (6121824-BS1)										
Prepared: 22-Dec-06 Analyzed: 23-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.2		µg/kg wet		20.0		96.0	70-130		
Acetone	18.3		µg/kg wet		20.0		91.5	3.31-159		
Acrylonitrile	19.6		µg/kg wet		20.0		98.0	70-130		
Benzene	20.2		µg/kg wet		20.0		101	70-130		
Bromobenzene	22.4		µg/kg wet		20.0		112	70-130		
Bromochloromethane	22.4		µg/kg wet		20.0		112	70-130		
Bromodichloromethane	21.7		µg/kg wet		20.0		108	70-130		
Bromoform	21.7		µg/kg wet		20.0		108	70-130		
Bromomethane	18.8		µg/kg wet		20.0		94.0	50-140		
2-Butanone (MEK)	22.1		µg/kg wet		20.0		110	47.7-127		
n-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130		
sec-Butylbenzene	21.1		µg/kg wet		20.0		106	70-130		
tert-Butylbenzene	21.7		µg/kg wet		20.0		108	70-130		
Carbon disulfide	17.8		µg/kg wet		20.0		89.0	70-130		
Carbon tetrachloride	18.6		µg/kg wet		20.0		93.0	70-130		
Chlorobenzene	21.9		µg/kg wet		20.0		110	70-130		
Chloroethane	17.5		µg/kg wet		20.0		87.5	55.9-135		
Chloroform	21.1		µg/kg wet		20.0		106	70-130		
Chloromethane	17.5		µg/kg wet		20.0		87.5	70-130		
2-Chlorotoluene	21.6		µg/kg wet		20.0		108	70-130		
4-Chlorotoluene	21.9		µg/kg wet		20.0		110	70-130		
1,2-Dibromo-3-chloropropane	21.7		µg/kg wet		20.0		108	70-130		
Dibromochloromethane	21.3		µg/kg wet		20.0		106	72-125		
1,2-Dibromoethane (EDB)	21.5		µg/kg wet		20.0		108	70-130		
Dibromomethane	21.2		µg/kg wet		20.0		106	70-130		
1,2-Dichlorobenzene	22.4		µg/kg wet		20.0		112	70-130		
1,3-Dichlorobenzene	22.3		µg/kg wet		20.0		112	70-130		
1,4-Dichlorobenzene	21.5		µg/kg wet		20.0		108	70-130		
Dichlorodifluoromethane (Freon12)	16.0		µg/kg wet		20.0		80.0	42.3-190		
1,1-Dichloroethane	20.7		µg/kg wet		20.0		104	70-130		
1,2-Dichloroethane	20.7		µg/kg wet		20.0		104	70-130		
1,1-Dichloroethene	17.1		µg/kg wet		20.0		85.5	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121824 - SW846 5035A Soil (low level)										
LCS (6121824-BS1)										
Prepared: 22-Dec-06 Analyzed: 23-Dec-06										
cis-1,2-Dichloroethene	21.5		µg/kg wet		20.0		108	70-130		
trans-1,2-Dichloroethene	20.2		µg/kg wet		20.0		101	70-130		
1,2-Dichloropropane	20.9		µg/kg wet		20.0		104	70-130		
1,3-Dichloropropane	21.7		µg/kg wet		20.0		108	70-130		
2,2-Dichloropropane	18.8		µg/kg wet		20.0		94.0	70-130		
1,1-Dichloropropene	19.6		µg/kg wet		20.0		98.0	70-130		
cis-1,3-Dichloropropene	21.7		µg/kg wet		20.0		108	70-130		
trans-1,3-Dichloropropene	22.0		µg/kg wet		20.0		110	70-130		
Ethylbenzene	21.2		µg/kg wet		20.0		106	70-130		
Hexachlorobutadiene	21.7		µg/kg wet		20.0		108	70-137		
2-Hexanone (MBK)	20.2		µg/kg wet		20.0		101	70-130		
Isopropylbenzene	20.2		µg/kg wet		20.0		101	70-130		
4-Isopropyltoluene	21.8		µg/kg wet		20.0		109	70-130		
Methyl tert-butyl ether	22.0		µg/kg wet		20.0		110	70-130		
4-Methyl-2-pentanone (MIBK)	20.9		µg/kg wet		20.0		104	48.5-127		
Methylene chloride	20.0		µg/kg wet		20.0		100	70-130		
Naphthalene	19.6		µg/kg wet		20.0		98.0	70-130		
n-Propylbenzene	20.4		µg/kg wet		20.0		102	70-130		
Styrene	22.4		µg/kg wet		20.0		112	70-130		
1,1,1,2-Tetrachloroethane	20.6		µg/kg wet		20.0		103	70-130		
1,1,2,2-Tetrachloroethane	22.3		µg/kg wet		20.0		112	70-130		
Tetrachloroethene	19.7		µg/kg wet		20.0		98.5	70-130		
Toluene	19.6		µg/kg wet		20.0		98.0	70-130		
1,2,3-Trichlorobenzene	18.7		µg/kg wet		20.0		93.5	70-130		
1,2,4-Trichlorobenzene	19.1		µg/kg wet		20.0		95.5	70-130		
1,1,1-Trichloroethane	19.9		µg/kg wet		20.0		99.5	70-130		
1,1,2-Trichloroethane	21.7		µg/kg wet		20.0		108	70-130		
Trichloroethene	19.3		µg/kg wet		20.0		96.5	70-130		
Trichlorofluoromethane (Freon 11)	17.8		µg/kg wet		20.0		89.0	66.5-144		
1,2,3-Trichloropropane	24.0		µg/kg wet		20.0		120	70-130		
1,2,4-Trimethylbenzene	22.4		µg/kg wet		20.0		112	70-130		
1,3,5-Trimethylbenzene	21.6		µg/kg wet		20.0		108	70-130		
Vinyl chloride	17.3		µg/kg wet		20.0		86.5	70-130		
m,p-Xylene	42.9		µg/kg wet		40.0		107	70-130		
o-Xylene	21.7		µg/kg wet		20.0		108	70-130		
Tetrahydrofuran	20.8		µg/kg wet		20.0		104	70-130		
Ethyl ether	19.8		µg/kg wet		20.0		99.0	64.9-123		
Tert-amyl methyl ether	20.5		µg/kg wet		20.0		102	70-130		
Ethyl tert-butyl ether	21.8		µg/kg wet		20.0		109	70-130		
Di-isopropyl ether	19.8		µg/kg wet		20.0		99.0	70-130		
Tert-Butanol / butyl alcohol	200		µg/kg wet		200		100	70-130		
1,4-Dioxane	157		µg/kg wet		200		78.5	40-134		
Surrogate: 4-Bromofluorobenzene	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.2*		µg/kg wet		*50.0*		*98.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.9*		µg/kg wet		*50.0*		*97.8*	*70-130*		
Surrogate: Dibromofluoromethane	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS Dup (6121824-BSD1)										
Prepared: 22-Dec-06 Analyzed: 23-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.6		µg/kg wet		20.0		93.0	70-130	3.17	25
Acetone	18.5		µg/kg wet		20.0		92.5	3.31-159	1.09	50
Acrylonitrile	19.6		µg/kg wet		20.0		98.0	70-130	0.00	25
Benzene	19.8		µg/kg wet		20.0		99.0	70-130	2.00	25
Bromobenzene	21.6		µg/kg wet		20.0		108	70-130	3.64	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121824 - SW846 5035A Soil (low level)										
LCS Dup (6121824-BSD1)										
Prepared: 22-Dec-06 Analyzed: 23-Dec-06										
Bromochloromethane	21.3		µg/kg wet		20.0		106	70-130	5.50	25
Bromodichloromethane	21.2		µg/kg wet		20.0		106	70-130	1.87	25
Bromoform	20.5		µg/kg wet		20.0		102	70-130	5.71	25
Bromomethane	18.5		µg/kg wet		20.0		92.5	50-140	1.61	50
2-Butanone (MEK)	19.0		µg/kg wet		20.0		95.0	47.7-127	14.6	50
n-Butylbenzene	20.4		µg/kg wet		20.0		102	70-130	5.71	25
sec-Butylbenzene	20.5		µg/kg wet		20.0		102	70-130	3.85	25
tert-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130	0.00	25
Carbon disulfide	17.5		µg/kg wet		20.0		87.5	70-130	1.70	25
Carbon tetrachloride	18.2		µg/kg wet		20.0		91.0	70-130	2.17	25
Chlorobenzene	21.3		µg/kg wet		20.0		106	70-130	3.70	25
Chloroethane	17.4		µg/kg wet		20.0		87.0	55.9-135	0.573	50
Chloroform	20.7		µg/kg wet		20.0		104	70-130	1.90	25
Chloromethane	17.0		µg/kg wet		20.0		85.0	70-130	2.90	25
2-Chlorotoluene	20.7		µg/kg wet		20.0		104	70-130	3.77	25
4-Chlorotoluene	20.9		µg/kg wet		20.0		104	70-130	5.61	25
1,2-Dibromo-3-chloropropane	18.9		µg/kg wet		20.0		94.5	70-130	13.3	25
Dibromochloromethane	20.6		µg/kg wet		20.0		103	72-125	2.87	50
1,2-Dibromoethane (EDB)	20.8		µg/kg wet		20.0		104	70-130	3.77	25
Dibromomethane	20.1		µg/kg wet		20.0		100	70-130	5.83	25
1,2-Dichlorobenzene	21.4		µg/kg wet		20.0		107	70-130	4.57	25
1,3-Dichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	3.64	25
1,4-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	2.82	25
Dichlorodifluoromethane (Freon12)	15.5		µg/kg wet		20.0		77.5	42.3-190	3.17	50
1,1-Dichloroethane	20.1		µg/kg wet		20.0		100	70-130	3.92	25
1,2-Dichloroethane	20.0		µg/kg wet		20.0		100	70-130	3.92	25
1,1-Dichloroethene	16.8		µg/kg wet		20.0		84.0	70-130	1.77	25
cis-1,2-Dichloroethene	21.2		µg/kg wet		20.0		106	70-130	1.87	25
trans-1,2-Dichloroethene	19.9		µg/kg wet		20.0		99.5	70-130	1.50	25
1,2-Dichloropropane	20.7		µg/kg wet		20.0		104	70-130	0.00	25
1,3-Dichloropropane	20.7		µg/kg wet		20.0		104	70-130	3.77	25
2,2-Dichloropropane	18.3		µg/kg wet		20.0		91.5	70-130	2.70	25
1,1-Dichloropropene	19.1		µg/kg wet		20.0		95.5	70-130	2.58	25
cis-1,3-Dichloropropene	20.9		µg/kg wet		20.0		104	70-130	3.77	25
trans-1,3-Dichloropropene	20.8		µg/kg wet		20.0		104	70-130	5.61	25
Ethylbenzene	20.9		µg/kg wet		20.0		104	70-130	1.90	25
Hexachlorobutadiene	21.0		µg/kg wet		20.0		105	70-137	2.82	50
2-Hexanone (MBK)	18.1		µg/kg wet		20.0		90.5	70-130	11.0	25
Isopropylbenzene	19.6		µg/kg wet		20.0		98.0	70-130	3.02	25
4-Isopropyltoluene	21.1		µg/kg wet		20.0		106	70-130	2.79	25
Methyl tert-butyl ether	20.9		µg/kg wet		20.0		104	70-130	5.61	25
4-Methyl-2-pentanone (MIBK)	18.8		µg/kg wet		20.0		94.0	48.5-127	10.1	50
Methylene chloride	19.5		µg/kg wet		20.0		97.5	70-130	2.53	25
Naphthalene	17.8		µg/kg wet		20.0		89.0	70-130	9.63	25
n-Propylbenzene	20.0		µg/kg wet		20.0		100	70-130	1.98	25
Styrene	21.8		µg/kg wet		20.0		109	70-130	2.71	25
1,1,1,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130	1.96	25
1,1,2,2-Tetrachloroethane	20.8		µg/kg wet		20.0		104	70-130	7.41	25
Tetrachloroethene	18.9		µg/kg wet		20.0		94.5	70-130	4.15	25
Toluene	18.9		µg/kg wet		20.0		94.5	70-130	3.64	25
1,2,3-Trichlorobenzene	17.5		µg/kg wet		20.0		87.5	70-130	6.63	25
1,2,4-Trichlorobenzene	17.8		µg/kg wet		20.0		89.0	70-130	7.05	25
1,1,1-Trichloroethane	19.0		µg/kg wet		20.0		95.0	70-130	4.63	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121824 - SW846 5035A Soil (low level)										
LCS Dup (6121824-BSD1)										
Prepared: 22-Dec-06 Analyzed: 23-Dec-06										
1,1,2-Trichloroethane	21.2		µg/kg wet		20.0		106	70-130	1.87	25
Trichloroethene	19.2		µg/kg wet		20.0		96.0	70-130	0.519	25
Trichlorofluoromethane (Freon 11)	17.7		µg/kg wet		20.0		88.5	66.5-144	0.563	50
1,2,3-Trichloropropane	22.7		µg/kg wet		20.0		114	70-130	5.13	25
1,2,4-Trimethylbenzene	21.5		µg/kg wet		20.0		108	70-130	3.64	25
1,3,5-Trimethylbenzene	21.1		µg/kg wet		20.0		106	70-130	1.87	25
Vinyl chloride	17.0		µg/kg wet		20.0		85.0	70-130	1.75	25
m,p-Xylene	42.5		µg/kg wet		40.0		106	70-130	0.939	25
o-Xylene	21.8		µg/kg wet		20.0		109	70-130	0.922	25
Tetrahydrofuran	20.7		µg/kg wet		20.0		104	70-130	0.00	25
Ethyl ether	19.4		µg/kg wet		20.0		97.0	64.9-123	2.04	50
Tert-amyl methyl ether	19.5		µg/kg wet		20.0		97.5	70-130	4.51	25
Ethyl tert-butyl ether	20.8		µg/kg wet		20.0		104	70-130	4.69	25
Di-isopropyl ether	19.4		µg/kg wet		20.0		97.0	70-130	2.04	25
Tert-Butanol / butyl alcohol	204		µg/kg wet		200		102	70-130	1.98	25
1,4-Dioxane	166		µg/kg wet		200		83.0	40-134	5.57	25
Surrogate: 4-Bromofluorobenzene	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/kg wet		*50.0*		*98.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.7*		µg/kg wet		*50.0*		*95.4*	*70-130*		
Surrogate: Dibromofluoromethane	*50.7*		µg/kg wet		*50.0*		*101*	*70-130*		
Batch 6121923 - SW846 5030 Soil (high level)										
Blank (6121923-BLK1)										
Prepared & Analyzed: 26-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	20.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121923 - SW846 5030 Soil (high level)										
Blank (6121923-BLK1)										
Prepared & Analyzed: 26-Dec-06										
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						
1,1,1-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						
Surrogate: 4-Bromofluorobenzene	*29.6*		µg/kg wet		*30.0*		*98.7*	*70-130*		
Surrogate: Toluene-d8	*31.1*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.1*		µg/kg wet		*30.0*		*93.7*	*70-130*		
Surrogate: Dibromofluoromethane	*28.3*		µg/kg wet		*30.0*		*94.3*	*70-130*		
LCS (6121923-BS1)										
Prepared & Analyzed: 26-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.9		µg/kg wet		20.0		99.5	70-130		
Acetone	20.6		µg/kg wet		20.0		103	3.31-159		
Acrylonitrile	23.3		µg/kg wet		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 6121923 - SW846 5030 Soil (high level)										
LCS (6121923-BS1)										
Prepared & Analyzed: 26-Dec-06										
Benzene	19.3		µg/kg wet		20.0		96.5	70-130		
Bromobenzene	20.6		µg/kg wet		20.0		103	70-130		
Bromochloromethane	18.9		µg/kg wet		20.0		94.5	70-130		
Bromodichloromethane	19.8		µg/kg wet		20.0		99.0	70-130		
Bromoform	19.7		µg/kg wet		20.0		98.5	70-130		
Bromomethane	20.8		µg/kg wet		20.0		104	50-140		
2-Butanone (MEK)	18.0		µg/kg wet		20.0		90.0	47.7-127		
n-Butylbenzene	21.4		µg/kg wet		20.0		107	70-130		
sec-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130		
tert-Butylbenzene	20.5		µg/kg wet		20.0		102	70-130		
Carbon disulfide	17.7		µg/kg wet		20.0		88.5	70-130		
Carbon tetrachloride	17.9		µg/kg wet		20.0		89.5	70-130		
Chlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
Chloroethane	16.7		µg/kg wet		20.0		83.5	55.9-135		
Chloroform	18.9		µg/kg wet		20.0		94.5	70-130		
Chloromethane	22.0		µg/kg wet		20.0		110	70-130		
2-Chlorotoluene	19.5		µg/kg wet		20.0		97.5	70-130		
4-Chlorotoluene	20.1		µg/kg wet		20.0		100	70-130		
1,2-Dibromo-3-chloropropane	22.4		µg/kg wet		20.0		112	70-130		
Dibromochloromethane	21.4		µg/kg wet		20.0		107	72-125		
1,2-Dibromoethane (EDB)	22.7		µg/kg wet		20.0		114	70-130		
Dibromomethane	19.8		µg/kg wet		20.0		99.0	70-130		
1,2-Dichlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
1,3-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
1,4-Dichlorobenzene	21.4		µg/kg wet		20.0		107	70-130		
Dichlorodifluoromethane (Freon12)	16.2		µg/kg wet		20.0		81.0	42.3-190		
1,1-Dichloroethane	18.5		µg/kg wet		20.0		92.5	70-130		
1,2-Dichloroethane	19.7		µg/kg wet		20.0		98.5	70-130		
1,1-Dichloroethene	17.5		µg/kg wet		20.0		87.5	70-130		
cis-1,2-Dichloroethene	19.5		µg/kg wet		20.0		97.5	70-130		
trans-1,2-Dichloroethene	17.8		µg/kg wet		20.0		89.0	70-130		
1,2-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130		
1,3-Dichloropropane	22.1		µg/kg wet		20.0		110	70-130		
2,2-Dichloropropane	16.6		µg/kg wet		20.0		83.0	70-130		
1,1-Dichloropropene	17.9		µg/kg wet		20.0		89.5	70-130		
cis-1,3-Dichloropropene	21.4		µg/kg wet		20.0		107	70-130		
trans-1,3-Dichloropropene	21.7		µg/kg wet		20.0		108	70-130		
Ethylbenzene	19.4		µg/kg wet		20.0		97.0	70-130		
Hexachlorobutadiene	19.2		µg/kg wet		20.0		96.0	70-137		
2-Hexanone (MBK)	20.3		µg/kg wet		20.0		102	70-130		
Isopropylbenzene	19.2		µg/kg wet		20.0		96.0	70-130		
4-Isopropyltoluene	21.8		µg/kg wet		20.0		109	70-130		
Methyl tert-butyl ether	19.5		µg/kg wet		20.0		97.5	70-130		
4-Methyl-2-pentanone (MIBK)	21.3		µg/kg wet		20.0		106	48.5-127		
Methylene chloride	18.5		µg/kg wet		20.0		92.5	70-130		
Naphthalene	26.7	QC1	µg/kg wet		20.0		134	70-130		
n-Propylbenzene	19.2		µg/kg wet		20.0		96.0	70-130		
Styrene	20.6		µg/kg wet		20.0		103	70-130		
1,1,1,2-Tetrachloroethane	20.4		µg/kg wet		20.0		102	70-130		
1,1,2,2-Tetrachloroethane	19.7		µg/kg wet		20.0		98.5	70-130		
Tetrachloroethene	20.3		µg/kg wet		20.0		102	70-130		
Toluene	20.7		µg/kg wet		20.0		104	70-130		
1,2,3-Trichlorobenzene	23.4		µg/kg wet		20.0		117	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121923 - SW846 5030 Soil (high level)										
LCS (6121923-BS1)										
Prepared & Analyzed: 26-Dec-06										
1,2,4-Trichlorobenzene	22.9		µg/kg wet		20.0		114	70-130		
1,1,1-Trichloroethane	18.6		µg/kg wet		20.0		93.0	70-130		
1,1,2-Trichloroethane	22.0		µg/kg wet		20.0		110	70-130		
Trichloroethene	19.7		µg/kg wet		20.0		98.5	70-130		
Trichlorofluoromethane (Freon 11)	17.0		µg/kg wet		20.0		85.0	66.5-144		
1,2,3-Trichloropropane	22.3		µg/kg wet		20.0		112	70-130		
1,2,4-Trimethylbenzene	21.8		µg/kg wet		20.0		109	70-130		
1,3,5-Trimethylbenzene	20.4		µg/kg wet		20.0		102	70-130		
Vinyl chloride	19.5		µg/kg wet		20.0		97.5	70-130		
m,p-Xylene	38.8		µg/kg wet		40.0		97.0	70-130		
o-Xylene	20.6		µg/kg wet		20.0		103	70-130		
Tetrahydrofuran	18.6		µg/kg wet		20.0		93.0	70-130		
Ethyl ether	20.7		µg/kg wet		20.0		104	64.9-123		
Tert-amyl methyl ether	21.2		µg/kg wet		20.0		106	70-130		
Ethyl tert-butyl ether	21.0		µg/kg wet		20.0		105	70-130		
Di-isopropyl ether	19.1		µg/kg wet		20.0		95.5	70-130		
Tert-Butanol / butyl alcohol	237		µg/kg wet		200		118	70-130		
1,4-Dioxane	183		µg/kg wet		200		91.5	40-134		
Surrogate: 4-Bromofluorobenzene	*29.2*		µg/kg wet		*30.0*		*97.3*	*70-130*		
Surrogate: Toluene-d8	*31.2*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.3*		µg/kg wet		*30.0*		*94.3*	*70-130*		
Surrogate: Dibromofluoromethane	*28.1*		µg/kg wet		*30.0*		*93.7*	*70-130*		
LCS Dup (6121923-BSD1)										
Prepared & Analyzed: 26-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.0		µg/kg wet		20.0		100	70-130	0.501	25
Acetone	24.8		µg/kg wet		20.0		124	3.31-159	18.5	50
Acrylonitrile	26.9	QC1	µg/kg wet		20.0		134	70-130	14.4	25
Benzene	18.9		µg/kg wet		20.0		94.5	70-130	2.09	25
Bromobenzene	20.5		µg/kg wet		20.0		102	70-130	0.976	25
Bromochloromethane	20.4		µg/kg wet		20.0		102	70-130	7.63	25
Bromodichloromethane	20.0		µg/kg wet		20.0		100	70-130	1.01	25
Bromoform	20.6		µg/kg wet		20.0		103	70-130	4.47	25
Bromomethane	21.5		µg/kg wet		20.0		108	50-140	3.77	50
2-Butanone (MEK)	24.9		µg/kg wet		20.0		124	47.7-127	31.8	50
n-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130	2.84	25
sec-Butylbenzene	19.3		µg/kg wet		20.0		96.5	70-130	7.48	25
tert-Butylbenzene	19.8		µg/kg wet		20.0		99.0	70-130	2.99	25
Carbon disulfide	18.0		µg/kg wet		20.0		90.0	70-130	1.68	25
Carbon tetrachloride	17.7		µg/kg wet		20.0		88.5	70-130	1.12	25
Chlorobenzene	19.6		µg/kg wet		20.0		98.0	70-130	4.00	25
Chloroethane	15.0		µg/kg wet		20.0		75.0	55.9-135	10.7	50
Chloroform	19.5		µg/kg wet		20.0		97.5	70-130	3.12	25
Chloromethane	23.0		µg/kg wet		20.0		115	70-130	4.44	25
2-Chlorotoluene	19.6		µg/kg wet		20.0		98.0	70-130	0.512	25
4-Chlorotoluene	19.1		µg/kg wet		20.0		95.5	70-130	4.60	25
1,2-Dibromo-3-chloropropane	23.9		µg/kg wet		20.0		120	70-130	6.90	25
Dibromochloromethane	20.8		µg/kg wet		20.0		104	72-125	2.84	50
1,2-Dibromoethane (EDB)	22.4		µg/kg wet		20.0		112	70-130	1.77	25
Dibromomethane	20.8		µg/kg wet		20.0		104	70-130	4.93	25
1,2-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130	1.90	25
1,3-Dichlorobenzene	20.1		µg/kg wet		20.0		100	70-130	4.88	25
1,4-Dichlorobenzene	20.9		µg/kg wet		20.0		104	70-130	2.84	25
Dichlorodifluoromethane (Freon12)	15.7		µg/kg wet		20.0		78.5	42.3-190	3.13	50

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121923 - SW846 5030 Soil (high level)										
LCS Dup (6121923-BSD1)										
Prepared & Analyzed: 26-Dec-06										
1,1-Dichloroethane	18.4		µg/kg wet		20.0		92.0	70-130	0.542	25
1,2-Dichloroethane	20.8		µg/kg wet		20.0		104	70-130	5.43	25
1,1-Dichloroethene	18.0		µg/kg wet		20.0		90.0	70-130	2.82	25
cis-1,2-Dichloroethene	19.6		µg/kg wet		20.0		98.0	70-130	0.512	25
trans-1,2-Dichloroethene	18.3		µg/kg wet		20.0		91.5	70-130	2.77	25
1,2-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130	0.995	25
1,3-Dichloropropane	21.4		µg/kg wet		20.0		107	70-130	2.76	25
2,2-Dichloropropane	16.7		µg/kg wet		20.0		83.5	70-130	0.601	25
1,1-Dichloropropene	18.2		µg/kg wet		20.0		91.0	70-130	1.66	25
cis-1,3-Dichloropropene	20.8		µg/kg wet		20.0		104	70-130	2.84	25
trans-1,3-Dichloropropene	21.1		µg/kg wet		20.0		106	70-130	1.87	25
Ethylbenzene	18.6		µg/kg wet		20.0		93.0	70-130	4.21	25
Hexachlorobutadiene	18.4		µg/kg wet		20.0		92.0	70-137	4.26	50
2-Hexanone (MBK)	21.1		µg/kg wet		20.0		106	70-130	3.85	25
Isopropylbenzene	18.6		µg/kg wet		20.0		93.0	70-130	3.17	25
4-Isopropyltoluene	20.9		µg/kg wet		20.0		104	70-130	4.69	25
Methyl tert-butyl ether	21.2		µg/kg wet		20.0		106	70-130	8.35	25
4-Methyl-2-pentanone (MIBK)	21.6		µg/kg wet		20.0		108	48.5-127	1.87	50
Methylene chloride	18.1		µg/kg wet		20.0		90.5	70-130	2.19	25
Naphthalene	25.8		µg/kg wet		20.0		129	70-130	3.80	25
n-Propylbenzene	18.2		µg/kg wet		20.0		91.0	70-130	5.35	25
Styrene	21.1		µg/kg wet		20.0		106	70-130	2.87	25
1,1,1,2-Tetrachloroethane	20.9		µg/kg wet		20.0		104	70-130	1.94	25
1,1,2,2-Tetrachloroethane	21.1		µg/kg wet		20.0		106	70-130	7.33	25
Tetrachloroethene	18.8		µg/kg wet		20.0		94.0	70-130	8.16	25
Toluene	18.9		µg/kg wet		20.0		94.5	70-130	9.57	25
1,2,3-Trichlorobenzene	22.4		µg/kg wet		20.0		112	70-130	4.37	25
1,2,4-Trichlorobenzene	21.3		µg/kg wet		20.0		106	70-130	7.27	25
1,1,1-Trichloroethane	19.0		µg/kg wet		20.0		95.0	70-130	2.13	25
1,1,2-Trichloroethane	21.5		µg/kg wet		20.0		108	70-130	1.83	25
Trichloroethene	19.8		µg/kg wet		20.0		99.0	70-130	0.506	25
Trichlorofluoromethane (Freon 11)	17.1		µg/kg wet		20.0		85.5	66.5-144	0.587	50
1,2,3-Trichloropropane	24.7		µg/kg wet		20.0		124	70-130	10.2	25
1,2,4-Trimethylbenzene	20.2		µg/kg wet		20.0		101	70-130	7.62	25
1,3,5-Trimethylbenzene	19.6		µg/kg wet		20.0		98.0	70-130	4.00	25
Vinyl chloride	17.8		µg/kg wet		20.0		89.0	70-130	9.12	25
m,p-Xylene	39.1		µg/kg wet		40.0		97.8	70-130	0.821	25
o-Xylene	20.0		µg/kg wet		20.0		100	70-130	2.96	25
Tetrahydrofuran	20.0		µg/kg wet		20.0		100	70-130	7.25	25
Ethyl ether	22.2		µg/kg wet		20.0		111	64.9-123	6.51	50
Tert-amyl methyl ether	22.1		µg/kg wet		20.0		110	70-130	3.70	25
Ethyl tert-butyl ether	21.1		µg/kg wet		20.0		106	70-130	0.948	25
Di-isopropyl ether	19.3		µg/kg wet		20.0		96.5	70-130	1.04	25
Tert-Butanol / butyl alcohol	266	QC1	µg/kg wet		200		133	70-130	12.0	25
1,4-Dioxane	209		µg/kg wet		200		104	40-134	12.8	25
Surrogate: 4-Bromofluorobenzene	*29.5*		µg/kg wet		*30.0*		*98.3*	*70-130*		
Surrogate: Toluene-d8	*29.4*		µg/kg wet		*30.0*		*98.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*28.5*		µg/kg wet		*30.0*		*95.0*	*70-130*		
Batch 6121925 - SW846 5035A Soil (low level)										
Blank (6121925-BLK1)										
Prepared & Analyzed: 26-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	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 6121925 - SW846 5035A Soil (low level)										
Blank (6121925-BLK1)										
Prepared & Analyzed: 26-Dec-06										
Acetone	BRL		µg/kg wet	100						
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						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121925 - SW846 5035A Soil (low level)										
Blank (6121925-BLK1)										
Prepared & Analyzed: 26-Dec-06										
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*52.8*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*48.0*		µg/kg wet		*50.0*		*96.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*55.6*		µg/kg wet		*50.0*		*111*	*70-130*		
Surrogate: Dibromofluoromethane	*53.4*		µg/kg wet		*50.0*		*107*	*70-130*		
LCS (6121925-BS1)										
Prepared & Analyzed: 26-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.4		µg/kg wet		20.0		102	70-130		
Acetone	18.5		µg/kg wet		20.0		92.5	3.31-159		
Acrylonitrile	17.4		µg/kg wet		20.0		87.0	70-130		
Benzene	20.4		µg/kg wet		20.0		102	70-130		
Bromobenzene	21.8		µg/kg wet		20.0		109	70-130		
Bromochloromethane	21.8		µg/kg wet		20.0		109	70-130		
Bromodichloromethane	22.2		µg/kg wet		20.0		111	70-130		
Bromoform	23.9		µg/kg wet		20.0		120	70-130		
Bromomethane	17.1		µg/kg wet		20.0		85.5	50-140		
2-Butanone (MEK)	23.2		µg/kg wet		20.0		116	47.7-127		
n-Butylbenzene	21.7		µg/kg wet		20.0		108	70-130		
sec-Butylbenzene	20.9		µg/kg wet		20.0		104	70-130		
tert-Butylbenzene	21.1		µg/kg wet		20.0		106	70-130		
Carbon disulfide	19.0		µg/kg wet		20.0		95.0	70-130		
Carbon tetrachloride	22.0		µg/kg wet		20.0		110	70-130		
Chlorobenzene	21.7		µg/kg wet		20.0		108	70-130		
Chloroethane	18.6		µg/kg wet		20.0		93.0	55.9-135		
Chloroform	21.3		µg/kg wet		20.0		106	70-130		
Chloromethane	16.6		µg/kg wet		20.0		83.0	70-130		
2-Chlorotoluene	21.4		µg/kg wet		20.0		107	70-130		
4-Chlorotoluene	21.4		µg/kg wet		20.0		107	70-130		
1,2-Dibromo-3-chloropropane	22.2		µg/kg wet		20.0		111	70-130		
Dibromochloromethane	23.2		µg/kg wet		20.0		116	72-125		
1,2-Dibromoethane (EDB)	21.1		µg/kg wet		20.0		106	70-130		
Dibromomethane	20.5		µg/kg wet		20.0		102	70-130		
1,2-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130		
1,3-Dichlorobenzene	20.9		µg/kg wet		20.0		104	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121925 - SW846 5035A Soil (low level)										
LCS (6121925-BS1)										
Prepared & Analyzed: 26-Dec-06										
1,4-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130		
Dichlorodifluoromethane (Freon12)	17.8		µg/kg wet		20.0		89.0	42.3-190		
1,1-Dichloroethane	20.9		µg/kg wet		20.0		104	70-130		
1,2-Dichloroethane	19.8		µg/kg wet		20.0		99.0	70-130		
1,1-Dichloroethene	18.3		µg/kg wet		20.0		91.5	70-130		
cis-1,2-Dichloroethene	22.0		µg/kg wet		20.0		110	70-130		
trans-1,2-Dichloroethene	22.8		µg/kg wet		20.0		114	70-130		
1,2-Dichloropropane	20.1		µg/kg wet		20.0		100	70-130		
1,3-Dichloropropane	19.9		µg/kg wet		20.0		99.5	70-130		
2,2-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130		
1,1-Dichloropropene	21.2		µg/kg wet		20.0		106	70-130		
cis-1,3-Dichloropropene	22.1		µg/kg wet		20.0		110	70-130		
trans-1,3-Dichloropropene	22.0		µg/kg wet		20.0		110	70-130		
Ethylbenzene	21.5		µg/kg wet		20.0		108	70-130		
Hexachlorobutadiene	19.6		µg/kg wet		20.0		98.0	70-137		
2-Hexanone (MBK)	16.8		µg/kg wet		20.0		84.0	70-130		
Isopropylbenzene	20.3		µg/kg wet		20.0		102	70-130		
4-Isopropyltoluene	21.8		µg/kg wet		20.0		109	70-130		
Methyl tert-butyl ether	22.3		µg/kg wet		20.0		112	70-130		
4-Methyl-2-pentanone (MIBK)	16.9		µg/kg wet		20.0		84.5	48.5-127		
Methylene chloride	19.6		µg/kg wet		20.0		98.0	70-130		
Naphthalene	18.1		µg/kg wet		20.0		90.5	70-130		
n-Propylbenzene	21.1		µg/kg wet		20.0		106	70-130		
Styrene	22.1		µg/kg wet		20.0		110	70-130		
1,1,1,2-Tetrachloroethane	21.8		µg/kg wet		20.0		109	70-130		
1,1,2,2-Tetrachloroethane	21.0		µg/kg wet		20.0		105	70-130		
Tetrachloroethene	20.3		µg/kg wet		20.0		102	70-130		
Toluene	19.6		µg/kg wet		20.0		98.0	70-130		
1,2,3-Trichlorobenzene	19.6		µg/kg wet		20.0		98.0	70-130		
1,2,4-Trichlorobenzene	20.5		µg/kg wet		20.0		102	70-130		
1,1,1-Trichloroethane	21.2		µg/kg wet		20.0		106	70-130		
1,1,2-Trichloroethane	22.2		µg/kg wet		20.0		111	70-130		
Trichloroethene	19.6		µg/kg wet		20.0		98.0	70-130		
Trichlorofluoromethane (Freon 11)	19.5		µg/kg wet		20.0		97.5	66.5-144		
1,2,3-Trichloropropane	23.0		µg/kg wet		20.0		115	70-130		
1,2,4-Trimethylbenzene	21.7		µg/kg wet		20.0		108	70-130		
1,3,5-Trimethylbenzene	21.1		µg/kg wet		20.0		106	70-130		
Vinyl chloride	16.0		µg/kg wet		20.0		80.0	70-130		
m,p-Xylene	43.4		µg/kg wet		40.0		108	70-130		
o-Xylene	21.8		µg/kg wet		20.0		109	70-130		
Tetrahydrofuran	21.4		µg/kg wet		20.0		107	70-130		
Ethyl ether	19.1		µg/kg wet		20.0		95.5	64.9-123		
Tert-amyl methyl ether	20.0		µg/kg wet		20.0		100	70-130		
Ethyl tert-butyl ether	21.0		µg/kg wet		20.0		105	70-130		
Di-isopropyl ether	18.5		µg/kg wet		20.0		92.5	70-130		
Tert-Butanol / butyl alcohol	213		µg/kg wet		200		106	70-130		
1,4-Dioxane	230		µg/kg wet		200		115	40-134		
Surrogate: 4-Bromofluorobenzene	*51.1*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/kg wet		*50.0*		*99.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.6*		µg/kg wet		*50.0*		*95.2*	*70-130*		
Surrogate: Dibromofluoromethane	*52.0*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS Dup (6121925-BSD1)										
Prepared & Analyzed: 26-Dec-06										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121925 - SW846 5035A Soil (low level)										
LCS Dup (6121925-BSD1)										
Prepared & Analyzed: 26-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.7		µg/kg wet		20.0		98.5	70-130	3.49	25
Acetone	15.7		µg/kg wet		20.0		78.5	3.31-159	16.4	50
Acrylonitrile	17.4		µg/kg wet		20.0		87.0	70-130	0.00	25
Benzene	20.2		µg/kg wet		20.0		101	70-130	0.985	25
Bromobenzene	22.1		µg/kg wet		20.0		110	70-130	0.913	25
Bromochloromethane	22.0		µg/kg wet		20.0		110	70-130	0.913	25
Bromodichloromethane	22.0		µg/kg wet		20.0		110	70-130	0.905	25
Bromoform	22.2		µg/kg wet		20.0		111	70-130	7.79	25
Bromomethane	17.0		µg/kg wet		20.0		85.0	50-140	0.587	50
2-Butanone (MEK)	18.8		µg/kg wet		20.0		94.0	47.7-127	21.0	50
n-Butylbenzene	20.9		µg/kg wet		20.0		104	70-130	3.77	25
sec-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130	0.00	25
tert-Butylbenzene	21.3		µg/kg wet		20.0		106	70-130	0.00	25
Carbon disulfide	18.2		µg/kg wet		20.0		91.0	70-130	4.30	25
Carbon tetrachloride	20.2		µg/kg wet		20.0		101	70-130	8.53	25
Chlorobenzene	22.0		µg/kg wet		20.0		110	70-130	1.83	25
Chloroethane	16.9		µg/kg wet		20.0		84.5	55.9-135	9.58	50
Chloroform	21.2		µg/kg wet		20.0		106	70-130	0.00	25
Chloromethane	15.6		µg/kg wet		20.0		78.0	70-130	6.21	25
2-Chlorotoluene	21.8		µg/kg wet		20.0		109	70-130	1.85	25
4-Chlorotoluene	21.5		µg/kg wet		20.0		108	70-130	0.930	25
1,2-Dibromo-3-chloropropane	19.9		µg/kg wet		20.0		99.5	70-130	10.9	25
Dibromochloromethane	22.0		µg/kg wet		20.0		110	72-125	5.31	50
1,2-Dibromoethane (EDB)	21.3		µg/kg wet		20.0		106	70-130	0.00	25
Dibromomethane	20.5		µg/kg wet		20.0		102	70-130	0.00	25
1,2-Dichlorobenzene	21.4		µg/kg wet		20.0		107	70-130	0.939	25
1,3-Dichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	3.77	25
1,4-Dichlorobenzene	20.8		µg/kg wet		20.0		104	70-130	1.90	25
Dichlorodifluoromethane (Freon12)	17.0		µg/kg wet		20.0		85.0	42.3-190	4.60	50
1,1-Dichloroethane	20.6		µg/kg wet		20.0		103	70-130	0.966	25
1,2-Dichloroethane	19.5		µg/kg wet		20.0		97.5	70-130	1.53	25
1,1-Dichloroethene	17.4		µg/kg wet		20.0		87.0	70-130	5.04	25
cis-1,2-Dichloroethene	22.3		µg/kg wet		20.0		112	70-130	1.80	25
trans-1,2-Dichloroethene	21.8		µg/kg wet		20.0		109	70-130	4.48	25
1,2-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130	2.96	25
1,3-Dichloropropane	20.3		µg/kg wet		20.0		102	70-130	2.48	25
2,2-Dichloropropane	18.4		µg/kg wet		20.0		92.0	70-130	11.3	25
1,1-Dichloropropene	20.0		µg/kg wet		20.0		100	70-130	5.83	25
cis-1,3-Dichloropropene	21.7		µg/kg wet		20.0		108	70-130	1.83	25
trans-1,3-Dichloropropene	21.4		µg/kg wet		20.0		107	70-130	2.76	25
Ethylbenzene	21.2		µg/kg wet		20.0		106	70-130	1.87	25
Hexachlorobutadiene	21.4		µg/kg wet		20.0		107	70-137	8.78	50
2-Hexanone (MBK)	16.3		µg/kg wet		20.0		81.5	70-130	3.02	25
Isopropylbenzene	20.0		µg/kg wet		20.0		100	70-130	1.98	25
4-Isopropyltoluene	21.6		µg/kg wet		20.0		108	70-130	0.922	25
Methyl tert-butyl ether	22.8		µg/kg wet		20.0		114	70-130	1.77	25
4-Methyl-2-pentanone (MIBK)	17.1		µg/kg wet		20.0		85.5	48.5-127	1.18	50
Methylene chloride	19.4		µg/kg wet		20.0		97.0	70-130	1.03	25
Naphthalene	20.0		µg/kg wet		20.0		100	70-130	9.97	25
n-Propylbenzene	20.3		µg/kg wet		20.0		102	70-130	3.85	25
Styrene	22.3		µg/kg wet		20.0		112	70-130	1.80	25
1,1,1,2-Tetrachloroethane	21.4		µg/kg wet		20.0		107	70-130	1.85	25
1,1,2,2-Tetrachloroethane	21.1		µg/kg wet		20.0		106	70-130	0.948	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121925 - SW846 5035A Soil (low level)										
LCS Dup (6121925-BSD1)										
Prepared & Analyzed: 26-Dec-06										
Tetrachloroethene	19.7		µg/kg wet		20.0		98.5	70-130	3.49	25
Toluene	19.6		µg/kg wet		20.0		98.0	70-130	0.00	25
1,2,3-Trichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	7.84	25
1,2,4-Trichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	3.85	25
1,1,1-Trichloroethane	20.5		µg/kg wet		20.0		102	70-130	3.85	25
1,1,2-Trichloroethane	22.0		µg/kg wet		20.0		110	70-130	0.905	25
Trichloroethene	19.5		µg/kg wet		20.0		97.5	70-130	0.512	25
Trichlorofluoromethane (Freon 11)	18.2		µg/kg wet		20.0		91.0	66.5-144	6.90	50
1,2,3-Trichloropropane	23.2		µg/kg wet		20.0		116	70-130	0.866	25
1,2,4-Trimethylbenzene	21.7		µg/kg wet		20.0		108	70-130	0.00	25
1,3,5-Trimethylbenzene	21.2		µg/kg wet		20.0		106	70-130	0.00	25
Vinyl chloride	15.4		µg/kg wet		20.0		77.0	70-130	3.82	25
m,p-Xylene	43.2		µg/kg wet		40.0		108	70-130	0.00	25
o-Xylene	22.0		µg/kg wet		20.0		110	70-130	0.913	25
Tetrahydrofuran	19.0		µg/kg wet		20.0		95.0	70-130	11.9	25
Ethyl ether	20.1		µg/kg wet		20.0		100	64.9-123	4.60	50
Tert-amyl methyl ether	18.0		µg/kg wet		20.0		90.0	70-130	10.5	25
Ethyl tert-butyl ether	21.4		µg/kg wet		20.0		107	70-130	1.89	25
Di-isopropyl ether	19.0		µg/kg wet		20.0		95.0	70-130	2.67	25
Tert-Butanol / butyl alcohol	197		µg/kg wet		200		98.5	70-130	7.33	25
1,4-Dioxane	253		µg/kg wet		200		126	40-134	9.13	25
Surrogate: 4-Bromofluorobenzene	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/kg wet		*50.0*		*98.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.5*		µg/kg wet		*50.0*		*97.0*	*70-130*		
Surrogate: Dibromofluoromethane	*53.0*		µg/kg wet		*50.0*		*106*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121666 - SW846 3510C										
Blank (6121666-BLK1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Gasoline	BRL		mg/l	0.05						
Gasoline	BRL		mg/l	0.1						
Fuel Oil #2	BRL		mg/l	0.1						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.1						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.1						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.1						
Motor Oil	BRL		mg/l	0.05						
Ligroin	BRL		mg/l	0.1						
Aviation Fuel	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.1						
Unidentified	BRL		mg/l	0.1						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.1						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.1						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0201*		mg/l		*0.0500*		*40.2*	*40-140*		
Surrogate: 1-Chlorooctadecane	*0.0201*		mg/l		*0.0500*		*40.2*	*40-140*		
LCS (6121666-BS1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Fuel Oil #2	9.2		mg/l	0.1	10.0		92.0	40-140		
C9-C36 Aliphatic Hydrocarbons	1.5		mg/l	0.05	1.40		107	60-120		
Surrogate: 1-Chlorooctadecane	*0.0558*		mg/l		*0.0500*		*112*	*60-120*		
Batch 6121673 - SW846 3550B										
Blank (6121673-BLK1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.91*		mg/kg wet		*3.33*		*87.4*	*40-140*		
LCS (6121673-BS1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
C9-C36 Aliphatic Hydrocarbons	71.8		mg/kg wet	13.3	93.3		77.0	60-120		
Surrogate: 1-Chlorooctadecane	*2.88*		mg/kg wet		*3.33*		*86.5*	*60-120*		
Duplicate (6121673-DUP1) **Source: SA55812-04**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Gasoline	BRL		mg/kg dry	23.5		BRL				50
Fuel Oil #2	BRL		mg/kg dry	23.5		BRL				50
Fuel Oil #4	BRL		mg/kg dry	23.5		BRL				50
Fuel Oil #6	BRL		mg/kg dry	23.5		BRL				50

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121673 - SW846 3550B										
Duplicate (6121673-DUP1) **Source: SA55812-04**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Motor Oil	BRL		mg/kg dry	23.5		BRL				50
Aviation Fuel	BRL		mg/kg dry	23.5		BRL				50
Unidentified	BRL		mg/kg dry	23.5		BRL				50
Other Oil	BRL		mg/kg dry	23.5		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	23.5		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	23.5		BRL				50
Surrogate: 1-Chlorooctadecane	*2.24*		mg/kg dry		*2.95*		*75.9*	*40-140*		
Matrix Spike (6121673-MS1) **Source: SA55812-04**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
C9-C36 Aliphatic Hydrocarbons	91.5		mg/kg dry	17.4	122	BRL	75.0	50-150		
Surrogate: 1-Chlorooctadecane	*3.15*		mg/kg dry		*4.35*		*72.4*	*40-140*		
Matrix Spike Dup (6121673-MSD1) **Source: SA55812-04**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
C9-C36 Aliphatic Hydrocarbons	102		mg/kg dry	17.4	122	BRL	83.6	50-150	10.8	30
Surrogate: 1-Chlorooctadecane	*3.73*		mg/kg dry		*4.36*		*85.6*	*40-140*		
Batch 6121674 - SW846 3550B										
Blank (6121674-BLK1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.33*		mg/kg wet		*3.33*		*70.0*	*40-140*		
LCS (6121674-BS1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
C9-C36 Aliphatic Hydrocarbons	90.4		mg/kg wet	13.3	93.3		96.9	60-120		
Surrogate: 1-Chlorooctadecane	*3.23*		mg/kg wet		*3.33*		*97.0*	*60-120*		
Duplicate (6121674-DUP1) **Source: SA55812-10**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Gasoline	BRL		mg/kg dry	19.9		BRL				50
Fuel Oil #2	BRL		mg/kg dry	19.9		BRL				50
Fuel Oil #4	BRL		mg/kg dry	19.9		BRL				50
Fuel Oil #6	BRL		mg/kg dry	19.9		BRL				50
Motor Oil	BRL		mg/kg dry	19.9		BRL				50
Aviation Fuel	BRL		mg/kg dry	19.9		BRL				50
Unidentified	BRL		mg/kg dry	19.9		BRL				50
Other Oil	BRL		mg/kg dry	19.9		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	19.9		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	19.9		BRL				50
Surrogate: 1-Chlorooctadecane	*1.09*		mg/kg dry		*2.49*		*43.8*	*40-140*		
Matrix Spike (6121674-MS1) **Source: SA55812-10**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
C9-C36 Aliphatic Hydrocarbons	96.2		mg/kg dry	16.4	115	BRL	83.7	50-150		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121674 - SW846 3550B										
Matrix Spike (6121674-MS1) **Source: SA55812-10**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Surrogate: 1-Chlorooctadecane	*3.39*		mg/kg dry		*4.12*		*82.3*	*40-140*		
Matrix Spike Dup (6121674-MSD1) **Source: SA55812-10**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
C9-C36 Aliphatic Hydrocarbons	94.2		mg/kg dry	16.4	115	BRL	81.9	50-150	2.17	30
Surrogate: 1-Chlorooctadecane	*3.35*		mg/kg dry		*4.12*		*81.3*	*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 6121668 - SW846 3510C										
Blank (6121668-BLK1)										
Prepared & Analyzed: 21-Dec-06										
PCB 1016	BRL		µg/l	0.0200						
PCB 1221	BRL		µg/l	0.0200						
PCB 1232	BRL		µg/l	0.0200						
PCB 1242	BRL		µg/l	0.0200						
PCB 1248	BRL		µg/l	0.0200						
PCB 1254	BRL		µg/l	0.0200						
PCB 1260	BRL		µg/l	0.0200						
PCB 1262	BRL		µg/l	0.0200						
PCB 1268	BRL		µg/l	0.0200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0170*		µg/l		*0.0200*		*85.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0190*		µg/l		*0.0200*		*95.0*	*30-150*		
LCS (6121668-BS1)										
Prepared & Analyzed: 21-Dec-06										
PCB 1016	2.00		µg/l	0.0200	2.50		80.0	40-140		
PCB 1260	2.27		µg/l	0.0200	2.50		90.8	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.169*		µg/l		*0.200*		*84.5*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.167*		µg/l		*0.200*		*83.5*	*30-150*		
LCS Dup (6121668-BSD1)										
Prepared & Analyzed: 21-Dec-06										
PCB 1016	2.00		µg/l	0.0200	2.50		80.0	40-140	0.00	20
PCB 1260	2.31		µg/l	0.0200	2.50		92.4	40-140	1.75	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.171*		µg/l		*0.200*		*85.5*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.172*		µg/l		*0.200*		*86.0*	*30-150*		
Batch 6121669 - SW846 3510C										
Blank (6121669-BLK1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Aldrin	BRL		µg/l	0.010						
a-BHC	BRL		µg/l	0.010						
b-BHC	BRL		µg/l	0.010						
d-BHC	BRL		µg/l	0.010						
g-BHC (Lindane)	BRL		µg/l	0.010						
Chlordane	BRL		µg/l	0.050						
4,4-DDD (p,p')	BRL		µg/l	0.010						
4,4-DDE (p,p')	BRL		µg/l	0.010						
4,4-DDT (p,p')	BRL		µg/l	0.010						
Dieldrin	BRL		µg/l	0.010						
Endosulfan I	BRL		µg/l	0.010						
Endosulfan II	BRL		µg/l	0.010						
Endosulfan Sulfate	BRL		µg/l	0.010						
Endrin	BRL		µg/l	0.010						
Endrin Aldehyde	BRL		µg/l	0.010						
Heptachlor	BRL		µg/l	0.010						
Methoxychlor	BRL		µg/l	0.010						
Heptachlor Epoxide	BRL		µg/l	0.010						
Toxaphene	BRL		µg/l	0.050						
a-Chlordane	BRL		µg/l	0.010						
g-Chlordane	BRL		µg/l	0.010						
Endrin Ketone	BRL		µg/l	0.010						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0179*		µg/l		*0.0200*		*89.5*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0228*		µg/l		*0.0200*		*114*	*30-150*		
LCS (6121669-BS1)										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121669 - SW846 3510C										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Aldrin	0.015		µg/l	0.010	0.0200		75.0	40-140		
a-BHC	0.013		µg/l	0.010	0.0200		65.0	40-140		
b-BHC	0.015		µg/l	0.010	0.0200		75.0	40-140		
d-BHC	0.008		µg/l	0.010	0.0200		40.0	40-140		
g-BHC (Lindane)	0.014		µg/l	0.010	0.0200		70.0	40-140		
Chlordane	BRL		µg/l	0.050				40-140		
4,4-DDD (p,p')	0.015		µg/l	0.010	0.0200		75.0	40-140		
4,4-DDE (p,p')	0.015		µg/l	0.010	0.0200		75.0	40-140		
4,4-DDT (p,p')	0.015		µg/l	0.010	0.0200		75.0	40-140		
Dieldrin	0.015		µg/l	0.010	0.0200		75.0	40-140		
Endosulfan I	0.009		µg/l	0.010	0.0200		45.0	40-140		
Endosulfan II	0.011		µg/l	0.010	0.0200		55.0	40-140		
Endosulfan Sulfate	0.013		µg/l	0.010	0.0200		65.0	40-140		
Endrin	0.014		µg/l	0.010	0.0200		70.0	40-140		
Endrin Aldehyde	0.014		µg/l	0.010	0.0200		70.0	40-140		
Heptachlor	0.016		µg/l	0.010	0.0200		80.0	40-140		
Methoxychlor	0.016		µg/l	0.010	0.0200		80.0	40-140		
Heptachlor Epoxide	0.015		µg/l	0.010	0.0200		75.0	40-140		
Toxaphene	BRL		µg/l	0.050				40-140		
a-Chlordane	0.015		µg/l	0.010	0.0200		75.0	40-140		
g-Chlordane	0.015		µg/l	0.010	0.0200		75.0	40-140		
Endrin Ketone	0.016		µg/l	0.010	0.0200		80.0	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0188*		µg/l		*0.0200*		*94.0*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0205*		µg/l		*0.0200*		*102*	*40-140*		
LCS Dup (6121669-BSD1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Aldrin	0.015		µg/l	0.010	0.0200		75.0	40-140	0.00	20
a-BHC	0.014		µg/l	0.010	0.0200		70.0	40-140	7.41	20
b-BHC	0.017		µg/l	0.010	0.0200		85.0	40-140	12.5	20
d-BHC	0.008		µg/l	0.010	0.0200		40.0	40-140	0.00	20
g-BHC (Lindane)	0.015		µg/l	0.010	0.0200		75.0	40-140	6.90	20
Chlordane	BRL		µg/l	0.050				40-140		20
4,4-DDD (p,p')	0.015		µg/l	0.010	0.0200		75.0	40-140	0.00	20
4,4-DDE (p,p')	0.016		µg/l	0.010	0.0200		80.0	40-140	6.45	20
4,4-DDT (p,p')	0.017		µg/l	0.010	0.0200		85.0	40-140	12.5	20
Dieldrin	0.016		µg/l	0.010	0.0200		80.0	40-140	6.45	20
Endosulfan I	0.009		µg/l	0.010	0.0200		45.0	40-140	0.00	20
Endosulfan II	0.013		µg/l	0.010	0.0200		65.0	40-140	16.7	20
Endosulfan Sulfate	0.014		µg/l	0.010	0.0200		70.0	40-140	7.41	20
Endrin	0.017		µg/l	0.010	0.0200		85.0	40-140	19.4	20
Endrin Aldehyde	0.016		µg/l	0.010	0.0200		80.0	40-140	13.3	20
Heptachlor	0.018		µg/l	0.010	0.0200		90.0	40-140	11.8	20
Methoxychlor	0.018		µg/l	0.010	0.0200		90.0	40-140	11.8	20
Heptachlor Epoxide	0.016		µg/l	0.010	0.0200		80.0	40-140	6.45	20
Toxaphene	BRL		µg/l	0.050				40-140		20
a-Chlordane	0.017		µg/l	0.010	0.0200		85.0	40-140	12.5	20
g-Chlordane	0.018		µg/l	0.010	0.0200		90.0	40-140	18.2	20
Endrin Ketone	0.016		µg/l	0.010	0.0200		80.0	40-140	0.00	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0179*		µg/l		*0.0200*		*89.5*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0232*		µg/l		*0.0200*		*116*	*40-140*		
Batch 6121675 - SW846 3550B										
Blank (6121675-BLK1)										
Prepared & Analyzed: 21-Dec-06										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121675 - SW846 3550B										
Blank (6121675-BLK1)										
Prepared & Analyzed: 21-Dec-06										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*25.7*		µg/kg wet		*28.6*		*89.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*34.3*		µg/kg wet		*28.6*		*120*	*30-150*		
LCS (6121675-BS1)										
Prepared & Analyzed: 21-Dec-06										
PCB 1016	350		µg/kg wet	28.6	357		98.0	40-140		
PCB 1260	337		µg/kg wet	28.6	357		94.4	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*25.7*		µg/kg wet		*28.6*		*89.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*40.0*		µg/kg wet		*28.6*		*140*	*30-150*		
LCS Dup (6121675-BSD1)										
Prepared & Analyzed: 21-Dec-06										
PCB 1016	357		µg/kg wet	28.6	357		100	40-140	2.02	30
PCB 1260	397		µg/kg wet	28.6	357		111	40-140	16.2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*25.7*		µg/kg wet		*28.6*		*89.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*42.9*		µg/kg wet		*28.6*		*150*	*30-150*		
Duplicate (6121675-DUP1) **Source: SA55673-03**										
Prepared & Analyzed: 21-Dec-06										
PCB 1016	BRL		µg/kg dry	37.5		BRL				40
PCB 1221	BRL		µg/kg dry	37.5		BRL				40
PCB 1232	BRL		µg/kg dry	37.5		BRL				40
PCB 1242	BRL		µg/kg dry	37.5		BRL				40
PCB 1248	BRL		µg/kg dry	37.5		BRL				40
PCB 1254	BRL		µg/kg dry	37.5		BRL				40
PCB 1260	BRL		µg/kg dry	37.5		BRL				40
PCB 1262	BRL		µg/kg dry	37.5		BRL				40
PCB 1268	BRL		µg/kg dry	37.5		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*35.6*		µg/kg dry		*37.5*		*94.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*50.6*		µg/kg dry		*37.5*		*135*	*30-150*		
Batch 6121676 - SW846 3550B										
Blank (6121676-BLK1)										
Prepared & Analyzed: 21-Dec-06										
Aldrin	BRL		µg/kg wet	5.00						
a-BHC	BRL		µg/kg wet	5.00						
b-BHC	BRL		µg/kg wet	5.00						
d-BHC	BRL		µg/kg wet	5.00						
g-BHC (Lindane)	BRL		µg/kg wet	5.00						
Chlordane	BRL		µg/kg wet	25.0						
4,4-DDD (p,p')	BRL		µg/kg wet	5.00						
4,4-DDE (p,p')	BRL		µg/kg wet	5.00						
4,4-DDT (p,p')	BRL		µg/kg wet	5.00						
Dieldrin	BRL		µg/kg wet	5.00						
Endosulfan I	BRL		µg/kg wet	5.00						
Endosulfan II	BRL		µg/kg wet	5.00						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121676 - SW846 3550B										
Blank (6121676-BLK1)										
Prepared & Analyzed: 21-Dec-06										
Endosulfan Sulfate	BRL		µg/kg wet	5.00						
Endrin	BRL		µg/kg wet	5.00						
Endrin Aldehyde	BRL		µg/kg wet	5.00						
Heptachlor	BRL		µg/kg wet	5.00						
Methoxychlor	BRL		µg/kg wet	5.00						
Heptachlor Epoxide	BRL		µg/kg wet	5.00						
Toxaphene	BRL		µg/kg wet	25.0						
a-Chlordane	BRL		µg/kg wet	5.00						
g-Chlordane	BRL		µg/kg wet	5.00						
Endrin Ketone	BRL		µg/kg wet	5.00						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*9.78*		µg/kg wet		*10.0*		*97.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*11.0*		µg/kg wet		*10.0*		*110*	*30-150*		
LCS (6121676-BS1)										
Prepared & Analyzed: 21-Dec-06										
Aldrin	8.10		µg/kg wet	5.00	10.0		81.0	40-140		
a-BHC	8.09		µg/kg wet	5.00	10.0		80.9	40-140		
b-BHC	9.23		µg/kg wet	5.00	10.0		92.3	40-140		
d-BHC	4.14		µg/kg wet	5.00	10.0		41.4	40-140		
g-BHC (Lindane)	8.33		µg/kg wet	5.00	10.0		83.3	40-140		
Chlordane	BRL		µg/kg wet	25.0				40-140		
4,4-DDD (p,p')	8.37		µg/kg wet	5.00	10.0		83.7	40-140		
4,4-DDE (p,p')	8.29		µg/kg wet	5.00	10.0		82.9	40-140		
4,4-DDT (p,p')	8.03		µg/kg wet	5.00	10.0		80.3	40-140		
Dieldrin	8.86		µg/kg wet	5.00	10.0		88.6	40-140		
Endosulfan I	4.90		µg/kg wet	5.00	10.0		49.0	40-140		
Endosulfan II	5.95		µg/kg wet	5.00	10.0		59.5	40-140		
Endosulfan Sulfate	6.67		µg/kg wet	5.00	10.0		66.7	40-140		
Endrin	8.29		µg/kg wet	5.00	10.0		82.9	40-140		
Endrin Aldehyde	8.44		µg/kg wet	5.00	10.0		84.4	40-140		
Heptachlor	8.88		µg/kg wet	5.00	10.0		88.8	40-140		
Methoxychlor	8.61		µg/kg wet	5.00	10.0		86.1	40-140		
Heptachlor Epoxide	8.33		µg/kg wet	5.00	10.0		83.3	40-140		
Toxaphene	BRL		µg/kg wet	25.0				40-140		
a-Chlordane	8.95		µg/kg wet	5.00	10.0		89.5	40-140		
g-Chlordane	8.24		µg/kg wet	5.00	10.0		82.4	40-140		
Endrin Ketone	8.76		µg/kg wet	5.00	10.0		87.6	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*9.43*		µg/kg wet		*10.0*		*94.3*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*11.1*		µg/kg wet		*10.0*		*111*	*40-140*		
LCS Dup (6121676-BSD1)										
Prepared & Analyzed: 21-Dec-06										
Aldrin	9.03		µg/kg wet	5.00	10.0		90.3	40-140	10.9	30
a-BHC	8.83		µg/kg wet	5.00	10.0		88.3	40-140	8.75	30
b-BHC	10.0		µg/kg wet	5.00	10.0		100	40-140	8.01	30
d-BHC	4.41		µg/kg wet	5.00	10.0		44.1	40-140	6.32	30
g-BHC (Lindane)	9.26		µg/kg wet	5.00	10.0		92.6	40-140	10.6	30
Chlordane	BRL		µg/kg wet	25.0				40-140		30
4,4-DDD (p,p')	9.43		µg/kg wet	5.00	10.0		94.3	40-140	11.9	30
4,4-DDE (p,p')	9.90		µg/kg wet	5.00	10.0		99.0	40-140	17.7	30
4,4-DDT (p,p')	8.88		µg/kg wet	5.00	10.0		88.8	40-140	10.1	30
Dieldrin	9.30		µg/kg wet	5.00	10.0		93.0	40-140	4.85	30
Endosulfan I	5.23		µg/kg wet	5.00	10.0		52.3	40-140	6.52	30
Endosulfan II	6.32		µg/kg wet	5.00	10.0		63.2	40-140	6.03	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121676 - SW846 3550B										
LCS Dup (6121676-BSD1)										
Prepared & Analyzed: 21-Dec-06										
Endosulfan Sulfate	8.33		µg/kg wet	5.00	10.0		83.3	40-140	22.1	30
Endrin	9.16		µg/kg wet	5.00	10.0		91.6	40-140	9.97	30
Endrin Aldehyde	9.98		µg/kg wet	5.00	10.0		99.8	40-140	16.7	30
Heptachlor	9.35		µg/kg wet	5.00	10.0		93.5	40-140	5.16	30
Methoxychlor	9.34		µg/kg wet	5.00	10.0		93.4	40-140	8.13	30
Heptachlor Epoxide	9.36		µg/kg wet	5.00	10.0		93.6	40-140	11.6	30
Toxaphene	BRL		µg/kg wet	25.0				40-140		30
a-Chlordane	10.4		µg/kg wet	5.00	10.0		104	40-140	15.0	30
g-Chlordane	9.40		µg/kg wet	5.00	10.0		94.0	40-140	13.2	30
Endrin Ketone	9.99		µg/kg wet	5.00	10.0		99.9	40-140	13.1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*9.97*		µg/kg wet		*10.0*		*99.7*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*12.4*		µg/kg wet		*10.0*		*124*	*40-140*		
Duplicate (6121676-DUP1) **Source: SA55673-03**										
Prepared & Analyzed: 21-Dec-06										
Aldrin	BRL		µg/kg dry	18.8		BRL				30
a-BHC	BRL		µg/kg dry	18.8		BRL				30
b-BHC	BRL		µg/kg dry	18.8		BRL				30
d-BHC	BRL		µg/kg dry	18.8		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	18.8		BRL				30
Chlordane	BRL		µg/kg dry	93.8		BRL				30
4,4-DDD (p,p')	BRL		µg/kg dry	18.8		BRL				30
4,4-DDE (p,p')	BRL		µg/kg dry	18.8		BRL				30
4,4-DDT (p,p')	BRL		µg/kg dry	18.8		BRL				30
Dieldrin	BRL		µg/kg dry	18.8		BRL				30
Endosulfan I	BRL		µg/kg dry	18.8		BRL				30
Endosulfan II	BRL		µg/kg dry	18.8		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	18.8		BRL				30
Endrin	BRL		µg/kg dry	18.8		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	18.8		BRL				30
Heptachlor	BRL		µg/kg dry	18.8		BRL				30
Methoxychlor	BRL		µg/kg dry	18.8		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	18.8		BRL				30
Toxaphene	BRL		µg/kg dry	93.8		BRL				30
a-Chlordane	BRL		µg/kg dry	18.8		BRL				30
g-Chlordane	BRL		µg/kg dry	18.8		BRL				30
Endrin Ketone	BRL		µg/kg dry	18.8		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*42.8*		µg/kg dry		*37.5*		*114*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*37.9*		µg/kg dry		*37.5*		*101*	*30-150*		
Matrix Spike (6121676-MS1) **Source: SA55673-03**										
Prepared & Analyzed: 21-Dec-06										
Aldrin	38.0		µg/kg dry	18.7	37.3	BRL	102	30-150		
a-BHC	35.3		µg/kg dry	18.7	37.3	BRL	94.6	30-150		
b-BHC	38.7		µg/kg dry	18.7	37.3	BRL	104	30-150		
d-BHC	17.2		µg/kg dry	18.7	37.3	BRL	46.1	30-150		
g-BHC (Lindane)	37.8		µg/kg dry	18.7	37.3	BRL	101	30-150		
Chlordane	BRL		µg/kg dry	93.3		BRL		30-150		
4,4-DDD (p,p')	36.9		µg/kg dry	18.7	37.3	BRL	98.9	30-150		
4,4-DDE (p,p')	39.3		µg/kg dry	18.7	37.3	BRL	105	30-150		
4,4-DDT (p,p')	40.6		µg/kg dry	18.7	37.3	BRL	109	30-150		
Dieldrin	39.8		µg/kg dry	18.7	37.3	BRL	107	30-150		
Endosulfan I	21.6		µg/kg dry	18.7	37.3	BRL	57.9	30-150		
Endosulfan II	25.2		µg/kg dry	18.7	37.3	BRL	67.6	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 6121676 - SW846 3550B										
Matrix Spike (6121676-MS1) **Source: SA55673-03**										
Prepared & Analyzed: 21-Dec-06										
Endosulfan Sulfate	30.5		µg/kg dry	18.7	37.3	BRL	81.8	30-150		
Endrin	40.8		µg/kg dry	18.7	37.3	BRL	109	30-150		
Endrin Aldehyde	31.0		µg/kg dry	18.7	37.3	BRL	83.1	30-150		
Heptachlor	40.1		µg/kg dry	18.7	37.3	BRL	108	30-150		
Methoxychlor	40.9		µg/kg dry	18.7	37.3	BRL	110	30-150		
Heptachlor Epoxide	41.0		µg/kg dry	18.7	37.3	BRL	110	30-150		
Toxaphene	BRL		µg/kg dry	93.3		BRL		30-150		
a-Chlordane	42.3		µg/kg dry	18.7	37.3	BRL	113	30-150		
g-Chlordane	34.2		µg/kg dry	18.7	37.3	BRL	91.7	30-150		
Endrin Ketone	39.1		µg/kg dry	18.7	37.3	BRL	105	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*40.4*		µg/kg dry		*37.3*		*108*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*35.5*		µg/kg dry		*37.3*		*95.2*	*30-150*		
Matrix Spike Dup (6121676-MSD1) **Source: SA55673-03**										
Prepared & Analyzed: 21-Dec-06										
Aldrin	33.7		µg/kg dry	18.6	37.2	BRL	90.6	30-150	11.8	30
a-BHC	32.4		µg/kg dry	18.6	37.2	BRL	87.1	30-150	8.26	30
b-BHC	38.5		µg/kg dry	18.6	37.2	BRL	103	30-150	0.966	30
d-BHC	16.8		µg/kg dry	18.6	37.2	BRL	45.2	30-150	1.97	30
g-BHC (Lindane)	34.4		µg/kg dry	18.6	37.2	BRL	92.5	30-150	8.79	30
Chlordane	BRL		µg/kg dry	93.0		BRL		30-150		50
4,4-DDD (p,p')	34.0		µg/kg dry	18.6	37.2	BRL	91.4	30-150	7.88	30
4,4-DDE (p,p')	35.1		µg/kg dry	18.6	37.2	BRL	94.4	30-150	10.6	30
4,4-DDT (p,p')	38.7		µg/kg dry	18.6	37.2	BRL	104	30-150	4.69	30
Dieldrin	35.1		µg/kg dry	18.6	37.2	BRL	94.4	30-150	12.5	30
Endosulfan I	19.2		µg/kg dry	18.6	37.2	BRL	51.6	30-150	11.5	30
Endosulfan II	22.9		µg/kg dry	18.6	37.2	BRL	61.6	30-150	9.29	30
Endosulfan Sulfate	25.7		µg/kg dry	18.6	37.2	BRL	69.1	30-150	16.8	30
Endrin	37.5		µg/kg dry	18.6	37.2	BRL	101	30-150	7.62	30
Endrin Aldehyde	27.8		µg/kg dry	18.6	37.2	BRL	74.7	30-150	10.6	30
Heptachlor	38.1		µg/kg dry	18.6	37.2	BRL	102	30-150	5.71	30
Methoxychlor	37.3		µg/kg dry	18.6	37.2	BRL	100	30-150	9.52	30
Heptachlor Epoxide	36.2		µg/kg dry	18.6	37.2	BRL	97.3	30-150	12.3	30
Toxaphene	BRL		µg/kg dry	93.0		BRL		30-150		50
a-Chlordane	38.3		µg/kg dry	18.6	37.2	BRL	103	30-150	9.26	50
g-Chlordane	30.2		µg/kg dry	18.6	37.2	BRL	81.2	30-150	12.1	50
Endrin Ketone	34.3		µg/kg dry	18.6	37.2	BRL	92.2	30-150	13.0	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*38.5*		µg/kg dry		*37.2*		*103*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*45.4*		µg/kg dry		*37.2*		*122*	*30-150*		
Batch 6121744 - SW846 3550B										
Blank (6121744-BLK1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*25.7*		µg/kg wet		*28.6*		*89.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*32.9*		µg/kg wet		*28.6*		*115*	*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 6121744 - SW846 3550B										
LCS (6121744-BS1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
PCB 1016	363		µg/kg wet	28.6	357		102	40-140		
PCB 1260	331		µg/kg wet	28.6	357		92.7	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*24.3*		µg/kg wet		*28.6*		*85.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.0*		µg/kg wet		*28.6*		*105*	*30-150*		
LCS Dup (6121744-BSD1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
PCB 1016	376		µg/kg wet	28.6	357		105	40-140	2.90	30
PCB 1260	357		µg/kg wet	28.6	357		100	40-140	7.58	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*24.3*		µg/kg wet		*28.6*		*85.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*37.1*		µg/kg wet		*28.6*		*130*	*30-150*		
Duplicate (6121744-DUP1) **Source: SA55860-09**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
PCB 1016	BRL		µg/kg dry	32.6		BRL				40
PCB 1221	BRL		µg/kg dry	32.6		BRL				40
PCB 1232	BRL		µg/kg dry	32.6		BRL				40
PCB 1242	BRL		µg/kg dry	32.6		BRL				40
PCB 1248	BRL		µg/kg dry	32.6		BRL				40
PCB 1254	BRL		µg/kg dry	32.6		BRL				40
PCB 1260	BRL		µg/kg dry	32.6		BRL				40
PCB 1262	BRL		µg/kg dry	32.6		BRL				40
PCB 1268	BRL		µg/kg dry	32.6		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*32.5*		µg/kg dry		*32.5*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*45.5*		µg/kg dry		*32.5*		*140*	*30-150*		
Matrix Spike (6121744-MS1) **Source: SA55860-09**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
PCB 1016	366		µg/kg dry	32.7	408	BRL	89.7	40-140		
PCB 1260	438		µg/kg dry	32.7	408	BRL	107	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*29.4*		µg/kg dry		*32.7*		*89.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*37.6*		µg/kg dry		*32.7*		*115*	*30-150*		
Matrix Spike Dup (6121744-MSD1) **Source: SA55860-09**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
PCB 1016	381		µg/kg dry	32.6	407	BRL	93.6	40-140	4.26	50
PCB 1260	436		µg/kg dry	32.6	407	BRL	107	40-140	0.00	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*29.3*		µg/kg dry		*32.5*		*90.2*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*40.7*		µg/kg dry		*32.5*		*125*	*30-150*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121671 - SW846 3510C										
Blank (6121671-BLK1)										
Prepared & Analyzed: 21-Dec-06										
Acenaphthene	BRL		µg/l	5.00						
Acenaphthene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	5.00						
Acenaphthylene	BRL		µg/l	0.050						
Aniline	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	5.00						
Anthracene	BRL		µg/l	0.050						
Atrazine	BRL		µg/l	5.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	5.00						
Benzidine	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) pyrene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	5.00						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	5.00						
Carbazole	BRL		µg/l	5.00						
4-Chloro-3-methylphenol	BRL		µg/l	5.00						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	BRL		µg/l	5.00						
2-Chlorophenol	BRL		µg/l	5.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	5.00						
Dibenzofuran	BRL		µg/l	5.00						
1,2-Dichlorobenzene	BRL		µg/l	5.00						
1,3-Dichlorobenzene	BRL		µg/l	5.00						
1,4-Dichlorobenzene	BRL		µg/l	5.00						
3,3'-Dichlorobenzidine	BRL		µg/l	5.00						
2,4-Dichlorophenol	BRL		µg/l	5.00						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	5.00						
2,4-Dimethylphenol	BRL		µg/l	5.00						
Di-n-butyl phthalate	BRL		µg/l	5.00						
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.00						
2,4-Dinitrophenol	BRL		µg/l	5.00						
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	5.00						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121671 - SW846 3510C										
Blank (6121671-BLK1)										
Prepared & Analyzed: 21-Dec-06										
Di-n-octyl phthalate	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	0.050						
Fluoranthene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	0.050						
2-Methylphenol	BRL		µg/l	5.00						
3,4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	0.050						
Naphthalene	BRL		µg/l	5.00						
2-Nitroaniline	BRL		µg/l	5.00						
3-Nitroaniline	BRL		µg/l	5.00						
4-Nitroaniline	BRL		µg/l	20.0						
Nitrobenzene	BRL		µg/l	5.00						
2-Nitrophenol	BRL		µg/l	5.00						
4-Nitrophenol	BRL		µg/l	20.0						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	20.0						
Phenanthrene	BRL		µg/l	5.00						
Phenanthrene	BRL		µg/l	0.050						
Phenol	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	0.050						
Pyrene	BRL		µg/l	5.00						
Pyridine	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	1.00						
1-Methylnaphthalene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	1.00						
1,2,4-Trichlorobenzene	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	1.00						
2,4,5-Trichlorophenol	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
2,4,6-Trichlorophenol	BRL		µg/l	5.00						
Surrogate: 2-Fluorobiphenyl	*70.6*		µg/l		*100*		*70.6*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*70.6*		µg/l		*100*		*70.6*	*30-130*		
Surrogate: 2-Fluorophenol	*89.2*		µg/l		*100*		*89.2*	*15-110*		
Surrogate: Nitrobenzene-d5	*84.8*		µg/l		*100*		*84.8*	*30-130*		
Surrogate: Phenol-d5	*83.5*		µg/l		*100*		*83.5*	*15-110*		
Surrogate: Terphenyl-dl4	*76.2*		µg/l		*100*		*76.2*	*30-130*		
Surrogate: Terphenyl-dl4	*76.2*		µg/l		*100*		*76.2*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*70.4*		µg/l		*100*		*70.4*	*15-110*		
LCS (6121671-BS1)										
Prepared & Analyzed: 21-Dec-06										
Acenaphthene	74.3		µg/l	5.00	100		74.3	40-130		
Acenaphthene	74.3		µg/l	0.050	100		74.3	40-140		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121671 - SW846 3510C										
LCS (6121671-BS1)										
Prepared & Analyzed: 21-Dec-06										
Acenaphthylene	76.9		µg/l	5.00	100		76.9	40-130		
Acenaphthylene	76.9		µg/l	0.050	100		76.9	40-140		
Aniline	64.7		µg/l	5.00	100		64.7	40-130		
1-Methylnaphthalene	75.5		µg/l	0.050	100		75.5	40-140		
Anthracene	78.3		µg/l	5.00	100		78.3	40-130		
Anthracene	78.3		µg/l	0.050	100		78.3	40-140		
Atrazine	171		µg/l	5.00	100		171	0-200		
Azobenzene/Diphenyldiazine	94.1		µg/l	5.00	100		94.1	40-130		
Benzidine	48.4		µg/l	5.00	100		48.4	40-130		
Benzo (a) anthracene	82.5		µg/l	5.00	100		82.5	40-130		
Benzo (a) anthracene	82.5		µg/l	0.050	100		82.5	40-140		
Benzo (a) pyrene	81.8		µg/l	5.00	100		81.8	40-130		
Benzo (a) pyrene	81.8		µg/l	0.050	100		81.8	40-140		
Benzo (b) fluoranthene	77.7		µg/l	5.00	100		77.7	40-130		
Benzo (b) fluoranthene	77.7		µg/l	0.050	100		77.7	40-140		
Benzo (g,h,i) perylene	93.5		µg/l	5.00	100		93.5	40-130		
Benzo (g,h,i) perylene	93.5		µg/l	0.050	100		93.5	40-140		
Benzo (k) fluoranthene	71.5		µg/l	5.00	100		71.5	40-130		
Benzo (k) fluoranthene	71.5		µg/l	0.050	100		71.5	40-140		
Benzoic acid	81.8		µg/l	5.00	100		81.8	40-130		
Benzyl alcohol	65.2		µg/l	5.00	100		65.2	40-130		
Bis(2-chloroethoxy)methane	81.0		µg/l	5.00	100		81.0	40-130		
Bis(2-chloroethyl)ether	85.9		µg/l	5.00	100		85.9	40-130		
Bis(2-chloroisopropyl)ether	160	QC2	µg/l	5.00	100		160	40-130		
Bis(2-ethylhexyl)phthalate	88.0		µg/l	5.00	100		88.0	40-130		
4-Bromophenyl phenyl ether	73.5		µg/l	5.00	100		73.5	40-130		
Butyl benzyl phthalate	88.5		µg/l	5.00	100		88.5	40-130		
Carbazole	91.1		µg/l	5.00	100		91.1	40-130		
4-Chloro-3-methylphenol	86.2		µg/l	5.00	100		86.2	40-130		
4-Chloroaniline	62.1		µg/l	5.00	100		62.1	40-130		
2-Chloronaphthalene	69.0		µg/l	5.00	100		69.0	40-130		
2-Chlorophenol	70.9		µg/l	5.00	100		70.9	40-130		
4-Chlorophenyl phenyl ether	76.1		µg/l	5.00	100		76.1	40-130		
Chrysene	80.9		µg/l	5.00	100		80.9	40-130		
Chrysene	80.9		µg/l	0.050	100		80.9	40-140		
Dibenzo (a,h) anthracene	89.7		µg/l	5.00	100		89.7	40-130		
Dibenzo (a,h) anthracene	89.7		µg/l	0.050	100		89.7	40-140		
Dibenzofuran	65.5		µg/l	5.00	100		65.5	40-130		
1,2-Dichlorobenzene	67.5		µg/l	5.00	100		67.5	40-130		
1,3-Dichlorobenzene	65.9		µg/l	5.00	100		65.9	40-130		
1,4-Dichlorobenzene	65.8		µg/l	5.00	100		65.8	40-130		
3,3'-Dichlorobenzidine	75.3		µg/l	5.00	100		75.3	40-130		
2,4-Dichlorophenol	73.7		µg/l	5.00	100		73.7	40-130		
Diethyl phthalate	85.5		µg/l	5.00	100		85.5	40-130		
Dimethyl phthalate	77.2		µg/l	5.00	100		77.2	40-130		
2,4-Dimethylphenol	72.9		µg/l	5.00	100		72.9	40-130		
Di-n-butyl phthalate	84.8		µg/l	5.00	100		84.8	40-130		
4,6-Dinitro-2-methylphenol	93.6		µg/l	5.00	100		93.6	40-130		
2,4-Dinitrophenol	84.6		µg/l	5.00	100		84.6	40-130		
2,4-Dinitrotoluene	80.9		µg/l	5.00	100		80.9	40-130		
2,6-Dinitrotoluene	80.5		µg/l	5.00	100		80.5	40-130		
Di-n-octyl phthalate	82.7		µg/l	5.00	100		82.7	40-130		
Fluoranthene	79.9		µg/l	5.00	100		79.9	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121671 - SW846 3510C										
LCS (6121671-BS1)										
Prepared & Analyzed: 21-Dec-06										
Fluoranthene	79.9		µg/l	0.050	100		79.9	40-140		
Fluorene	77.0		µg/l	5.00	100		77.0	40-130		
Fluorene	77.0		µg/l	0.050	100		77.0	40-140		
Hexachlorobenzene	66.0		µg/l	5.00	100		66.0	40-130		
Hexachlorobutadiene	64.1		µg/l	5.00	100		64.1	40-130		
Hexachlorocyclopentadiene	72.7		µg/l	5.00	100		72.7	40-130		
Hexachloroethane	74.2		µg/l	5.00	100		74.2	40-130		
Indeno (1,2,3-cd) pyrene	97.2		µg/l	5.00	100		97.2	40-130		
Indeno (1,2,3-cd) pyrene	97.2		µg/l	0.050	100		97.2	40-140		
Isophorone	79.6		µg/l	5.00	100		79.6	40-130		
2-Methylnaphthalene	62.2		µg/l	5.00	100		62.2	40-130		
2-Methylnaphthalene	62.2		µg/l	0.050	100		62.2	40-140		
2-Methylphenol	69.6		µg/l	5.00	100		69.6	40-130		
3,4-Methylphenol	71.2		µg/l	10.0	100		71.2	40-130		
Naphthalene	70.0		µg/l	5.00	100		70.0	40-130		
Naphthalene	70.0		µg/l	0.050	100		70.0	40-140		
2-Nitroaniline	86.0		µg/l	5.00	100		86.0	40-130		
3-Nitroaniline	68.7		µg/l	5.00	100		68.7	40-130		
4-Nitroaniline	99.1		µg/l	20.0	100		99.1	40-130		
Nitrobenzene	79.1		µg/l	5.00	100		79.1	40-130		
2-Nitrophenol	78.7		µg/l	5.00	100		78.7	40-130		
4-Nitrophenol	48.6		µg/l	20.0	100		48.6	40-130		
N-Nitrosodimethylamine	71.6		µg/l	5.00	100		71.6	40-130		
N-Nitrosodi-n-propylamine	107		µg/l	5.00	100		107	40-130		
N-Nitrosodiphenylamine	80.4		µg/l	5.00	100		80.4	40-130		
Pentachlorophenol	86.4		µg/l	20.0	100		86.4	40-130		
Phenanthrene	75.2		µg/l	5.00	100		75.2	40-130		
Phenanthrene	75.2		µg/l	0.050	100		75.2	40-140		
Phenol	83.3		µg/l	5.00	100		83.3	40-130		
Pyrene	75.6		µg/l	5.00	100		75.6	40-130		
Pyrene	75.6		µg/l	0.050	100		75.6	40-140		
Pyridine	81.2		µg/l	5.00	100		81.2	40-130		
Hexachlorobenzene	66.0		µg/l	1.00	100		66.0	40-140		
1,2,4-Trichlorobenzene	65.2		µg/l	5.00	100		65.2	40-130		
1-Methylnaphthalene	75.5		µg/l	5.00	100		75.5	40-140		
Hexachloroethane	74.2		µg/l	1.00	100		74.2	40-140		
2,4,5-Trichlorophenol	81.4		µg/l	5.00	100		81.4	40-130		
Pentachlorophenol	86.4		µg/l	1.00	100		86.4	30-130		
Hexachlorobutadiene	64.1		µg/l	0.500	100		64.1	40-140		
2,4,6-Trichlorophenol	65.0		µg/l	5.00	100		65.0	40-130		
Surrogate: 2-Fluorobiphenyl	*79.7*		µg/l		*100*		*79.7*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*79.7*		µg/l		*100*		*79.7*	*30-130*		
Surrogate: 2-Fluorophenol	*80.3*		µg/l		*100*		*80.3*	*15-110*		
Surrogate: Nitrobenzene-d5	*93.8*		µg/l		*100*		*93.8*	*30-130*		
Surrogate: Phenol-d5	*70.4*		µg/l		*100*		*70.4*	*15-110*		
Surrogate: Terphenyl-dl4	*85.4*		µg/l		*100*		*85.4*	*30-130*		
Surrogate: Terphenyl-dl4	*85.4*		µg/l		*100*		*85.4*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*82.9*		µg/l		*100*		*82.9*	*15-110*		
Batch 6121680 - SW846 3550B										
Blank (6121680-BLK1)										
Prepared & Analyzed: 21-Dec-06										
Acenaphthene	BRL		µg/kg wet	330						
Acenaphthylene	BRL		µg/kg wet	330						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121680 - SW846 3550B										
Blank (6121680-BLK1)										
Prepared & Analyzed: 21-Dec-06										
Aniline	BRL		µg/kg wet	330						
Anthracene	BRL		µg/kg wet	330						
Atrazine	BRL		µg/kg wet	330						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	330						
Benzidine	BRL		µg/kg wet	330						
Benzo (a) anthracene	BRL		µg/kg wet	330						
Benzo (a) pyrene	BRL		µg/kg wet	330						
Benzo (b) fluoranthene	BRL		µg/kg wet	330						
Benzo (g,h,i) perylene	BRL		µg/kg wet	330						
Benzo (k) fluoranthene	BRL		µg/kg wet	330						
Benzoic acid	BRL		µg/kg wet	330						
Benzyl alcohol	BRL		µg/kg wet	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	330						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	330						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	330						
Butyl benzyl phthalate	BRL		µg/kg wet	330						
Carbazole	BRL		µg/kg wet	330						
4-Chloro-3-methylphenol	BRL		µg/kg wet	330						
4-Chloroaniline	BRL		µg/kg wet	330						
2-Chloronaphthalene	BRL		µg/kg wet	330						
2-Chlorophenol	BRL		µg/kg wet	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	330						
Chrysene	BRL		µg/kg wet	330						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	330						
Dibenzofuran	BRL		µg/kg wet	330						
1,2-Dichlorobenzene	BRL		µg/kg wet	330						
1,3-Dichlorobenzene	BRL		µg/kg wet	330						
1,4-Dichlorobenzene	BRL		µg/kg wet	330						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	330						
2,4-Dichlorophenol	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,4-Dimethylphenol	BRL		µg/kg wet	330						
Di-n-butyl phthalate	BRL		µg/kg wet	330						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	330						
2,4-Dinitrophenol	BRL		µg/kg wet	330						
2,4-Dinitrotoluene	BRL		µg/kg wet	330						
2,6-Dinitrotoluene	BRL		µg/kg wet	330						
Di-n-octyl phthalate	BRL		µg/kg wet	330						
Fluoranthene	BRL		µg/kg wet	330						
Fluorene	BRL		µg/kg wet	330						
Hexachlorobenzene	BRL		µg/kg wet	330						
Hexachlorobutadiene	BRL		µg/kg wet	330						
Hexachlorocyclopentadiene	BRL		µg/kg wet	330						
Hexachloroethane	BRL		µg/kg wet	330						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
1-Methylnaphthalene	BRL		µg/kg wet	330						
Isophorone	BRL		µg/kg wet	330						
2-Methylnaphthalene	BRL		µg/kg wet	330						
2-Methylphenol	BRL		µg/kg wet	330						
3,4-Methylphenol	BRL		µg/kg wet	330						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121680 - SW846 3550B										
Blank (6121680-BLK1)										
Prepared & Analyzed: 21-Dec-06										
Naphthalene	BRL		µg/kg wet	330						
2-Nitroaniline	BRL		µg/kg wet	330						
3-Nitroaniline	BRL		µg/kg wet	330						
4-Nitroaniline	BRL		µg/kg wet	1320						
Nitrobenzene	BRL		µg/kg wet	330						
2-Nitrophenol	BRL		µg/kg wet	330						
4-Nitrophenol	BRL		µg/kg wet	1320						
N-Nitrosodimethylamine	BRL		µg/kg wet	330						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	330						
N-Nitrosodiphenylamine	BRL		µg/kg wet	330						
Pentachlorophenol	BRL		µg/kg wet	330						
Phenanthrene	BRL		µg/kg wet	330						
Phenol	BRL		µg/kg wet	330						
Pyrene	BRL		µg/kg wet	330						
Pyridine	BRL		µg/kg wet	330						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	330						
2,4,5-Trichlorophenol	BRL		µg/kg wet	330						
2,4,6-Trichlorophenol	BRL		µg/kg wet	330						
Surrogate: 2-Fluorobiphenyl	*2400*		µg/kg wet		*6670*		*36.0*	*30-130*		
Surrogate: 2-Fluorophenol	*2590*		µg/kg wet		*6670*		*38.8*	*15-110*		
Surrogate: Nitrobenzene-d5	*2310*		µg/kg wet		*6670*		*34.6*	*30-130*		
Surrogate: Phenol-d5	*2480*		µg/kg wet		*6670*		*37.2*	*15-110*		
Surrogate: Terphenyl-dl4	*2800*		µg/kg wet		*6670*		*42.0*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1770*		µg/kg wet		*6670*		*26.5*	*15-110*		
LCS (6121680-BS1)										
Prepared & Analyzed: 21-Dec-06										
Acenaphthene	4570		µg/kg wet	330	6670		68.5	40-130		
Acenaphthylene	6290		µg/kg wet	330	6670		94.3	40-130		
Aniline	5050		µg/kg wet	330	6670		75.7	40-130		
Anthracene	5490		µg/kg wet	330	6670		82.3	40-130		
Atrazine	6400		µg/kg wet	330	6670		96.0	40-130		
Azobenzene/Diphenyldiazine	3770		µg/kg wet	330	6670		56.5	40-130		
Benzidine	104	QC2	µg/kg wet	330	6670		1.56	40-130		
Benzo (a) anthracene	4600		µg/kg wet	330	6670		69.0	40-130		
Benzo (a) pyrene	4680		µg/kg wet	330	6670		70.2	40-130		
Benzo (b) fluoranthene	3720		µg/kg wet	330	6670		55.8	40-130		
Benzo (g,h,i) perylene	4400		µg/kg wet	330	6670		66.0	40-130		
Benzo (k) fluoranthene	4970		µg/kg wet	330	6670		74.5	40-130		
Benzoic acid	1260	QC2	µg/kg wet	330	6670		18.9	40-130		
Benzyl alcohol	4240		µg/kg wet	330	6670		63.6	40-130		
Bis(2-chloroethoxy)methane	4610		µg/kg wet	330	6670		69.1	40-130		
Bis(2-chloroethyl)ether	4950		µg/kg wet	330	6670		74.2	40-130		
Bis(2-chloroisopropyl)ether	3990		µg/kg wet	330	6670		59.8	40-130		
Bis(2-ethylhexyl)phthalate	5120		µg/kg wet	330	6670		76.8	40-130		
4-Bromophenyl phenyl ether	5030		µg/kg wet	330	6670		75.4	40-130		
Butyl benzyl phthalate	5100		µg/kg wet	330	6670		76.5	40-130		
Carbazole	7480		µg/kg wet	330	6670		112	40-130		
4-Chloro-3-methylphenol	4610		µg/kg wet	330	6670		69.1	40-130		
4-Chloroaniline	5530		µg/kg wet	330	6670		82.9	40-130		
2-Chloronaphthalene	4460		µg/kg wet	330	6670		66.9	40-130		
2-Chlorophenol	4850		µg/kg wet	330	6670		72.7	40-130		
4-Chlorophenyl phenyl ether	4460		µg/kg wet	330	6670		66.9	40-130		
Chrysene	4750		µg/kg wet	330	6670		71.2	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121680 - SW846 3550B										
LCS (6121680-BS1)										
Prepared & Analyzed: 21-Dec-06										
Dibenzo (a,h) anthracene	4370		µg/kg wet	330	6670		65.5	40-130		
Dibenzofuran	3990		µg/kg wet	330	6670		59.8	40-130		
1,2-Dichlorobenzene	4400		µg/kg wet	330	6670		66.0	40-130		
1,3-Dichlorobenzene	3880		µg/kg wet	330	6670		58.2	40-130		
1,4-Dichlorobenzene	4100		µg/kg wet	330	6670		61.5	40-130		
3,3'-Dichlorobenzidine	5190		µg/kg wet	330	6670		77.8	40-130		
2,4-Dichlorophenol	4600		µg/kg wet	330	6670		69.0	40-130		
Diethyl phthalate	4510		µg/kg wet	330	6670		67.6	40-130		
Dimethyl phthalate	4770		µg/kg wet	330	6670		71.5	40-130		
2,4-Dimethylphenol	4200		µg/kg wet	330	6670		63.0	40-130		
Di-n-butyl phthalate	4240		µg/kg wet	330	6670		63.6	40-130		
4,6-Dinitro-2-methylphenol	3140		µg/kg wet	330	6670		47.1	40-130		
2,4-Dinitrophenol	1920	QC2	µg/kg wet	330	6670		28.8	40-130		
2,4-Dinitrotoluene	3950		µg/kg wet	330	6670		59.2	40-130		
2,6-Dinitrotoluene	4660		µg/kg wet	330	6670		69.9	40-130		
Di-n-octyl phthalate	4880		µg/kg wet	330	6670		73.2	40-130		
Fluoranthene	4770		µg/kg wet	330	6670		71.5	40-130		
Fluorene	4550		µg/kg wet	330	6670		68.2	40-130		
Hexachlorobenzene	4240		µg/kg wet	330	6670		63.6	40-130		
Hexachlorobutadiene	3440		µg/kg wet	330	6670		51.6	40-130		
Hexachlorocyclopentadiene	3400		µg/kg wet	330	6670		51.0	40-130		
Hexachloroethane	3980		µg/kg wet	330	6670		59.7	40-130		
Indeno (1,2,3-cd) pyrene	4490		µg/kg wet	330	6670		67.3	40-130		
Isophorone	4000		µg/kg wet	330	6670		60.0	40-130		
1-Methylnaphthalene	5040		µg/kg wet	330	6670		75.6	40-140		
2-Methylnaphthalene	4140		µg/kg wet	330	6670		62.1	40-130		
2-Methylphenol	4610		µg/kg wet	330	6670		69.1	40-130		
3,4-Methylphenol	4720		µg/kg wet	330	6670		70.8	40-130		
Naphthalene	3860		µg/kg wet	330	6670		57.9	40-130		
2-Nitroaniline	4670		µg/kg wet	330	6670		70.0	40-130		
3-Nitroaniline	5550		µg/kg wet	330	6670		83.2	40-130		
4-Nitroaniline	6830		µg/kg wet	1320	6670		102	40-130		
Nitrobenzene	3330		µg/kg wet	330	6670		49.9	40-130		
2-Nitrophenol	3880		µg/kg wet	330	6670		58.2	40-130		
4-Nitrophenol	2970		µg/kg wet	1320	6670		44.5	40-130		
N-Nitrosodimethylamine	4390		µg/kg wet	330	6670		65.8	40-130		
N-Nitrosodi-n-propylamine	4160		µg/kg wet	330	6670		62.4	40-130		
N-Nitrosodiphenylamine	5250		µg/kg wet	330	6670		78.7	40-130		
Pentachlorophenol	4800		µg/kg wet	330	6670		72.0	40-130		
Phenanthrene	4250		µg/kg wet	330	6670		63.7	40-130		
Phenol	4680		µg/kg wet	330	6670		70.2	40-130		
Pyrene	4520		µg/kg wet	330	6670		67.8	40-130		
Pyridine	3080		µg/kg wet	330	6670		46.2	40-130		
1,2,4-Trichlorobenzene	3940		µg/kg wet	330	6670		59.1	40-130		
2,4,5-Trichlorophenol	5440		µg/kg wet	330	6670		81.6	40-130		
2,4,6-Trichlorophenol	4140		µg/kg wet	330	6670		62.1	40-130		
Surrogate: 2-Fluorobiphenyl	*2930*		µg/kg wet		*6670*		*43.9*	*30-130*		
Surrogate: 2-Fluorophenol	*2390*		µg/kg wet		*6670*		*35.8*	*15-110*		
Surrogate: Nitrobenzene-d5	*2100*		µg/kg wet		*6670*		*31.5*	*30-130*		
Surrogate: Phenol-d5	*2410*		µg/kg wet		*6670*		*36.1*	*15-110*		
Surrogate: Terphenyl-dl4	*3030*		µg/kg wet		*6670*		*45.4*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2980*		µg/kg wet		*6670*		*44.7*	*15-110*		
Duplicate (6121680-DUP1)	**Source: SA55812-10**									

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121680 - SW846 3550B										
Prepared & Analyzed: 21-Dec-06										
Acenaphthene	BRL		µg/kg dry	494		BRL				50
Acenaphthylene	BRL		µg/kg dry	494		BRL				50
Aniline	BRL		µg/kg dry	494		BRL				50
Anthracene	BRL		µg/kg dry	494		BRL				50
Atrazine	BRL		µg/kg dry	494		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	494		BRL				50
Benzidine	BRL		µg/kg dry	494		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	494		51.6				50
Benzo (a) pyrene	BRL		µg/kg dry	494		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	494		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	494		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	494		BRL				50
Benzoic acid	BRL		µg/kg dry	494		BRL				50
Benzyl alcohol	BRL		µg/kg dry	494		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	494		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	494		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	494		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	494		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	494		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	494		BRL				50
Carbazole	BRL		µg/kg dry	494		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	494		BRL				50
4-Chloroaniline	BRL		µg/kg dry	494		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	494		BRL				50
2-Chlorophenol	BRL		µg/kg dry	494		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	494		BRL				50
Chrysene	51.9	J	µg/kg dry	494		65.7			23.5	50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	494		BRL				50
Dibenzofuran	BRL		µg/kg dry	494		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	494		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	494		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	494		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	247		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	494		BRL				50
Diethyl phthalate	BRL		µg/kg dry	494		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	494		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	494		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	494		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	494		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	494		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	494		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	494		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	494		BRL				50
Fluoranthene	60.9	J	µg/kg dry	494		71.8			16.4	50
Fluorene	BRL		µg/kg dry	494		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	494		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	494		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	494		BRL				50
Hexachloroethane	BRL		µg/kg dry	494		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	494		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	494		BRL				50
Isophorone	BRL		µg/kg dry	494		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	494		BRL				50
2-Methylphenol	BRL		µg/kg dry	494		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	494		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121680 - SW846 3550B										
Duplicate (6121680-DUP1)	**Source: SA55812-10**									
Prepared & Analyzed: 21-Dec-06										
Naphthalene	BRL		µg/kg dry	494		BRL				50
2-Nitroaniline	BRL		µg/kg dry	494		BRL				50
3-Nitroaniline	BRL		µg/kg dry	494		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1980		BRL				50
Nitrobenzene	BRL		µg/kg dry	494		BRL				50
2-Nitrophenol	BRL		µg/kg dry	494		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1980		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	494		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	494		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	494		BRL				50
Pentachlorophenol	BRL		µg/kg dry	494		BRL				50
Phenanthrene	BRL		µg/kg dry	494		BRL				50
Phenol	BRL		µg/kg dry	494		BRL				50
Pyrene	56.9	J	µg/kg dry	494		64.7			12.8	50
Pyridine	BRL		µg/kg dry	494		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	494		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	494		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	494		BRL				50
Surrogate: 2-Fluorobiphenyl	*3590*		µg/kg dry		*4990*		*71.9*	*30-130*		
Surrogate: 2-Fluorophenol	*3720*		µg/kg dry		*4990*		*74.5*	*15-110*		
Surrogate: Nitrobenzene-d5	*3060*		µg/kg dry		*4990*		*61.3*	*30-130*		
Surrogate: Phenol-d5	*3150*		µg/kg dry		*4990*		*63.1*	*15-110*		
Surrogate: Terphenyl-dl4	*4000*		µg/kg dry		*4990*		*80.2*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2590*		µg/kg dry		*4990*		*51.9*	*15-110*		
Matrix Spike (6121680-MS1)	**Source: SA55812-10**									
Prepared & Analyzed: 21-Dec-06										
Acenaphthene	3250		µg/kg dry	253	5100	BRL	63.7	40-140		
4-Chloro-3-methylphenol	6260		µg/kg dry	253	10200	BRL	61.4	30-130		
2-Chlorophenol	6570		µg/kg dry	253	10200	BRL	64.4	30-130		
1,4-Dichlorobenzene	2790		µg/kg dry	253	5100	BRL	54.7	40-140		
2,4-Dinitrotoluene	2150		µg/kg dry	253	5100	BRL	42.2	40-140		
4-Nitrophenol	2750	QM7	µg/kg dry	1010	10200	BRL	27.0	30-130		
N-Nitrosodi-n-propylamine	2610		µg/kg dry	253	5100	BRL	51.2	40-140		
Pentachlorophenol	5130		µg/kg dry	253	10200	BRL	50.3	30-130		
Phenol	5440		µg/kg dry	253	10200	BRL	53.3	30-130		
Pyrene	3320		µg/kg dry	253	5100	64.7	63.8	40-140		
1,2,4-Trichlorobenzene	2600		µg/kg dry	253	5100	BRL	51.0	40-140		
Surrogate: 2-Fluorobiphenyl	*1910*		µg/kg dry		*5100*		*37.5*	*30-130*		
Surrogate: 2-Fluorophenol	*1760*		µg/kg dry		*5100*		*34.5*	*15-110*		
Surrogate: Nitrobenzene-d5	*1300*		µg/kg dry		*5100*		*25.5*	*30-130*		
Surrogate: Phenol-d5	*1590*		µg/kg dry		*5100*		*31.2*	*15-110*		
Surrogate: Terphenyl-dl4	*1920*		µg/kg dry		*5100*		*37.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1530*		µg/kg dry		*5100*		*30.0*	*15-110*		
Matrix Spike Dup (6121680-MSD1)	**Source: SA55812-10**									
Prepared & Analyzed: 21-Dec-06										
Acenaphthene	3230		µg/kg dry	249	5030	BRL	64.2	40-140	0.782	30
4-Chloro-3-methylphenol	6330		µg/kg dry	249	10100	BRL	62.7	30-130	2.10	30
2-Chlorophenol	6530		µg/kg dry	249	10100	BRL	64.7	30-130	0.465	30
1,4-Dichlorobenzene	2810		µg/kg dry	249	5030	BRL	55.9	40-140	2.17	30
2,4-Dinitrotoluene	2180		µg/kg dry	249	5030	BRL	43.3	40-140	2.57	30
4-Nitrophenol	2870	QM7	µg/kg dry	996	10100	BRL	28.4	30-130	5.05	30
N-Nitrosodi-n-propylamine	2590		µg/kg dry	249	5030	BRL	51.5	40-140	0.584	30
Pentachlorophenol	5140		µg/kg dry	249	10100	BRL	50.9	30-130	1.19	30
Phenol	5380		µg/kg dry	249	10100	BRL	53.3	30-130	0.00	30

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121680 - SW846 3550B										
Matrix Spike Dup (6121680-MSD1) Source: SA55812-10										
Prepared & Analyzed: 21-Dec-06										
Pyrene	3250		µg/kg dry	249	5030	64.7	63.3	40-140	0.787	30
1,2,4-Trichlorobenzene	2590		µg/kg dry	249	5030	BRL	51.5	40-140	0.976	30
Surrogate: 2-Fluorobiphenyl	*1760*		µg/kg dry		*5030*		*35.0*	*30-130*		
Surrogate: 2-Fluorophenol	*1730*		µg/kg dry		*5030*		*34.4*	*15-110*		
Surrogate: Nitrobenzene-d5	*1260*		µg/kg dry		*5030*		*25.0*	*30-130*		
Surrogate: Phenol-d5	*1580*		µg/kg dry		*5030*		*31.4*	*15-110*		
Surrogate: Terphenyl-dl4	*1770*		µg/kg dry		*5030*		*35.2*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1520*		µg/kg dry		*5030*		*30.2*	*15-110*		

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 6121606 - EPA200/SW7000 Series										
Blank (6121606-BLK1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	BRL		mg/kg wet	0.0291						
Duplicate (6121606-DUP1) **Source: SA55727-01**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	0.0164	J	mg/kg dry	0.0325		0.0220			29.2	35
Matrix Spike (6121606-MS1) **Source: SA55812-01**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	0.557		mg/kg dry	0.0361	0.501	0.0381	104	75-125		
Matrix Spike (6121606-MS2) **Source: SA55812-02**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	0.557		mg/kg dry	0.0389	0.540	BRL	103	75-125		
Post Spike (6121606-PS1) **Source: SA55812-01**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	0.550		mg/kg dry	0.0368	0.510	0.0381	100	75-125		
Reference (6121606-SRM1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	1.76		mg/kg wet	0.0300	1.45		121	66-132.6		
Batch 6121610 - SW846 3005A										
Blank (6121610-BLK1)										
Prepared: 20-Dec-06 Analyzed: 22-Dec-06										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Barium	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Cadmium	BRL		mg/l	0.0025						
LCS (6121610-BS1)										
Prepared: 20-Dec-06 Analyzed: 22-Dec-06										
Lead	0.484		mg/l	0.0075	0.500		96.8	85-115		
Selenium	0.485		mg/l	0.0150	0.500		97.0	85-115		
Arsenic	0.480		mg/l	0.0040	0.500		96.0	85-115		
Cadmium	0.496		mg/l	0.0025	0.500		99.2	85-115		
Silver	0.486		mg/l	0.0050	0.500		97.2	85-115		
Chromium	0.492		mg/l	0.0050	0.500		98.4	85-115		
Barium	0.551		mg/l	0.0050	0.500		110	85-115		
LCS Dup (6121610-BSD1)										
Prepared: 20-Dec-06 Analyzed: 22-Dec-06										
Selenium	0.499		mg/l	0.0150	0.500		99.8	85-115	2.85	20
Lead	0.500		mg/l	0.0075	0.500		100	85-115	3.25	20
Cadmium	0.516		mg/l	0.0025	0.500		103	85-115	3.95	20
Barium	0.580	QC3	mg/l	0.0050	0.500		116	85-115	5.13	20
Arsenic	0.496		mg/l	0.0040	0.500		99.2	85-115	3.28	20
Silver	0.506		mg/l	0.0050	0.500		101	85-115	4.03	20
Chromium	0.515		mg/l	0.0050	0.500		103	85-115	4.57	20
Duplicate (6121610-DUP1) **Source: SA55812-14**										
Prepared: 20-Dec-06 Analyzed: 22-Dec-06										
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	1.32		mg/l	0.0075		1.28			3.08	20

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121610 - SW846 3005A										
Duplicate (6121610-DUP1) **Source: SA55812-14**										
Prepared: 20-Dec-06 Analyzed: 22-Dec-06										
Arsenic	0.0105		mg/l	0.0040		0.0100			4.88	20
Silver	BRL		mg/l	0.0050		BRL				20
Cadmium	0.0013	J	mg/l	0.0025		0.0013			0.00	20
Barium	0.444		mg/l	0.0050		0.406			8.94	20
Chromium	0.0199		mg/l	0.0050		0.0179			10.6	20
Matrix Spike (6121610-MS1) **Source: SA55812-15**										
Prepared: 20-Dec-06 Analyzed: 22-Dec-06										
Lead	0.520		mg/l	0.0075	0.500	BRL	104	75-125		
Selenium	0.515		mg/l	0.0150	0.500	BRL	103	75-125		
Barium	0.586		mg/l	0.0050	0.500	0.0013	117	75-125		
Silver	0.506		mg/l	0.0050	0.500	BRL	101	75-125		
Arsenic	0.510		mg/l	0.0040	0.500	BRL	102	75-125		
Chromium	0.521		mg/l	0.0050	0.500	BRL	104	75-125		
Cadmium	0.526		mg/l	0.0025	0.500	0.0003	105	75-125		
Matrix Spike Dup (6121610-MSD1) **Source: SA55812-15**										
Prepared: 20-Dec-06 Analyzed: 22-Dec-06										
Lead	0.508		mg/l	0.0075	0.500	BRL	102	75-125	2.33	20
Selenium	0.504		mg/l	0.0150	0.500	BRL	101	75-125	2.16	20
Silver	0.501		mg/l	0.0050	0.500	BRL	100	75-125	0.993	20
Cadmium	0.518		mg/l	0.0025	0.500	0.0003	104	75-125	1.53	20
Chromium	0.512		mg/l	0.0050	0.500	BRL	102	75-125	1.74	20
Barium	0.576		mg/l	0.0050	0.500	0.0013	115	75-125	1.72	20
Arsenic	0.502		mg/l	0.0040	0.500	BRL	100	75-125	1.58	20
Post Spike (6121610-PS1) **Source: SA55812-15**										
Prepared: 20-Dec-06 Analyzed: 22-Dec-06										
Lead	0.499		mg/l	0.0075	0.500	BRL	99.8	80-120		
Selenium	0.496		mg/l	0.0150	0.500	BRL	99.2	80-120		
Barium	0.563		mg/l	0.0050	0.500	0.0013	112	80-120		
Cadmium	0.508		mg/l	0.0025	0.500	0.0003	102	80-120		
Silver	0.500		mg/l	0.0050	0.500	BRL	100	80-120		
Chromium	0.502		mg/l	0.0050	0.500	BRL	100	80-120		
Arsenic	0.493		mg/l	0.0040	0.500	BRL	98.6	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 6121605 - EPA 200 Series										
Blank (6121605-BLK1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Silver	BRL		mg/kg wet	4.67						
Selenium	BRL		mg/kg wet	1.48						
Lead	BRL		mg/kg wet	0.738						
Cadmium	BRL		mg/kg wet	0.246						
Arsenic	BRL		mg/kg wet	1.48						
Chromium	BRL		mg/kg wet	0.492						
Barium	BRL		mg/kg wet	0.492						
LCS (6121605-BS1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Silver	101	QC1	mg/kg wet	4.75	125		80.8	85-115		
Selenium	122		mg/kg wet	1.50	125		97.6	85-115		
Chromium	124		mg/kg wet	0.500	125		99.2	85-115		
Lead	117		mg/kg wet	0.750	125		93.6	85-115		
Arsenic	120		mg/kg wet	1.50	125		96.0	85-115		
Cadmium	124		mg/kg wet	0.250	125		99.2	85-115		
Barium	127		mg/kg wet	0.500	125		102	85-115		
Duplicate (6121605-DUP1) **Source: SA55727-01**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Selenium	1.21	J	mg/kg dry	1.53		BRL				20
Silver	BRL		mg/kg dry	4.84		BRL				20
Arsenic	4.97	QR1	mg/kg dry	1.53		2.61			62.3	20
Cadmium	0.744	QR1	mg/kg dry	0.255		0.304			84.0	20
Chromium	7.80	QR5	mg/kg dry	0.509		3.28			81.6	20
Lead	11.5	QR5	mg/kg dry	0.764		5.34			73.2	20
Barium	18.3	QR5	mg/kg dry	0.509		9.73			61.1	20
Matrix Spike (6121605-MS1) **Source: SA55812-01**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Selenium	129		mg/kg dry	1.70	141	1.35	90.5	70-130		
Silver	134		mg/kg dry	5.37	141	BRL	95.0	70-130		
Chromium	149		mg/kg dry	0.566	141	13.9	95.8	70-130		
Lead	192		mg/kg dry	0.848	141	38.9	109	70-130		
Arsenic	129		mg/kg dry	1.70	141	1.22	90.6	70-130		
Cadmium	128		mg/kg dry	0.283	141	0.620	90.3	70-130		
Barium	204		mg/kg dry	0.566	141	62.2	101	70-130		
Matrix Spike (6121605-MS2) **Source: SA55812-02**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Selenium	135		mg/kg dry	1.78	149	1.76	89.4	70-130		
Silver	141		mg/kg dry	5.64	149	BRL	94.6	70-130		
Chromium	160		mg/kg dry	0.594	149	23.2	91.8	70-130		
Lead	140		mg/kg dry	0.891	149	12.9	85.3	70-130		
Cadmium	133		mg/kg dry	0.297	149	0.779	88.7	70-130		
Arsenic	135		mg/kg dry	1.78	149	0.937	90.0	70-130		
Barium	238		mg/kg dry	0.594	149	99.8	92.8	70-130		
Post Spike (6121605-PS1) **Source: SA55812-01**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Selenium	132		mg/kg dry	1.65	137	1.35	95.4	85-115		
Silver	129		mg/kg dry	5.21	137	BRL	94.2	85-115		
Chromium	138		mg/kg dry	0.549	137	13.9	90.6	85-115		
Cadmium	130		mg/kg dry	0.274	137	0.620	94.4	85-115		
Lead	181		mg/kg dry	0.823	137	38.9	104	85-115		

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 6121605 - EPA 200 Series										
Post Spike (6121605-PS1) **Source: SA55812-01**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Arsenic	129		mg/kg dry	1.65	137	1.22	93.3	85-115		
Barium	211		mg/kg dry	0.549	137	62.2	109	85-115		
Reference (6121605-SRM1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Selenium	69.5		mg/kg wet	1.50	69.7		99.7	77.5-122.5		
Silver	51.8		mg/kg wet	4.75	48.9		106	66.3-133.3		
Chromium	60.4		mg/kg wet	0.500	60.6		99.7	80.5-119.2		
Arsenic	75.1		mg/kg wet	1.50	76.3		98.4	76.8-123.2		
Cadmium	46.0		mg/kg wet	0.250	48.1		95.6	80.1-119.6		
Lead	57.6		mg/kg wet	0.750	60.6		95.0	78.4-120.8		
Barium	133		mg/kg wet	0.500	137		97.1	82-118		
Batch 6121611 - EPA200/SW7000 Series										
Blank (6121611-BLK1)										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
Mercury	BRL		mg/l	0.00020						
LCS (6121611-BS1)										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
Mercury	0.00219		mg/l	0.00020	0.00250		87.6	80-120		
Duplicate (6121611-DUP1) **Source: SA55812-14**										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
Mercury	0.00080		mg/l	0.00020		0.00076			5.13	20
Matrix Spike (6121611-MS1) **Source: SA55812-15**										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
Mercury	0.00214		mg/l	0.00020	0.00250	BRL	85.6	75-125		
Matrix Spike Dup (6121611-MSD1) **Source: SA55812-15**										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
Mercury	0.00206		mg/l	0.00020	0.00250	BRL	82.4	75-125	3.81	20
Post Spike (6121611-PS1) **Source: SA55812-15**										
Prepared: 20-Dec-06 Analyzed: 21-Dec-06										
Mercury	0.00236		mg/l	0.00020	0.00250	BRL	94.4	75-125		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121721 - SW846 3010A										
Blank (6121721-BLK1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Arsenic	BRL		mg/l	0.0150						
Silver	BRL		mg/l	0.0100						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
LCS (6121721-BS1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Lead	1.15		mg/l	0.0075	1.25		92.0	72.8-111		
Selenium	1.15		mg/l	0.0150	1.25		92.0	67.3-113		
Arsenic	1.13		mg/l	0.0150	1.25		90.4	68.7-111		
Chromium	1.28		mg/l	0.0050	1.25		102	72-119		
Silver	0.924		mg/l	0.0100	1.25		73.9	56.1-118		
Cadmium	1.22		mg/l	0.0025	1.25		97.6	71.8-121		
Barium	1.26		mg/l	0.0050	1.25		101	77.1-125		
LCS Dup (6121721-BSD1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Selenium	1.18		mg/l	0.0150	1.25		94.4	67.3-113	2.58	20
Lead	1.18		mg/l	0.0075	1.25		94.4	72.8-111	2.58	20
Silver	1.15	QR2	mg/l	0.0100	1.25		92.0	56.1-118	21.8	20
Cadmium	1.24		mg/l	0.0025	1.25		99.2	71.8-121	1.63	20
Arsenic	1.16		mg/l	0.0150	1.25		92.8	68.7-111	2.62	20
Chromium	1.32		mg/l	0.0050	1.25		106	72-119	3.08	20
Barium	1.30		mg/l	0.0050	1.25		104	77.1-125	3.12	20
Duplicate (6121721-DUP1) **Source: SA55812-11**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Lead	BRL		mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Silver	BRL		mg/l	0.0100		BRL				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Arsenic	BRL		mg/l	0.0150		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Barium	BRL		mg/l	0.0050		BRL				20
Matrix Spike (6121721-MS1) **Source: SA55139-03**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Lead	1.17		mg/l	0.0075	1.25	BRL	93.6	81-107		
Selenium	1.17		mg/l	0.0150	1.25	BRL	93.6	73-113		
Cadmium	1.23		mg/l	0.0025	1.25	BRL	98.4	81.1-115		
Arsenic	1.16		mg/l	0.0150	1.25	BRL	92.8	76.7-109		
Silver	1.18		mg/l	0.0100	1.25	BRL	94.4	63.7-113		
Chromium	1.25		mg/l	0.0050	1.25	BRL	100	83.1-112		
Barium	1.28		mg/l	0.0050	1.25	0.0048	102	85.6-121		
Post Spike (6121721-PS1) **Source: SA55139-03**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Lead	1.18		mg/l	0.0075	1.25	BRL	94.4	80-120		
Selenium	1.19		mg/l	0.0150	1.25	BRL	95.2	80-120		
Cadmium	1.24		mg/l	0.0025	1.25	BRL	99.2	80-120		
Arsenic	1.17		mg/l	0.0150	1.25	BRL	93.6	80-120		
Silver	1.03		mg/l	0.0100	1.25	BRL	82.4	80-120		

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 6121721 - SW846 3010A										
Post Spike (6121721-PS1) **Source: SA55139-03**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Chromium	1.26		mg/l	0.0050	1.25	BRL	101	80-120		
Barium	1.39		mg/l	0.0050	1.25	0.0048	111	80-120		
Batch 6121722 - EPA200/SW7000 Series										
Blank (6121722-BLK1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	BRL		mg/l	0.00040						
LCS (6121722-BS1)										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	0.00270		mg/l	0.00040	0.00250		108	65.5-119		
Duplicate (6121722-DUP1) **Source: SA55812-11**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	BRL		mg/l	0.00040		BRL				35
Matrix Spike (6121722-MS1) **Source: SA55812-12**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	0.00276		mg/l	0.00040	0.00250	BRL	110	62.8-125		
Matrix Spike Dup (6121722-MSD1) **Source: SA55812-12**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	0.00286		mg/l	0.00040	0.00250	BRL	114	62.8-125	3.56	35
Post Spike (6121722-PS1) **Source: SA55812-12**										
Prepared: 21-Dec-06 Analyzed: 22-Dec-06										
Mercury	0.00246		mg/l	0.00040	0.00250	BRL	98.4	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121628 - General Preparation										
Duplicate (6121628-DUP1) **Source: SA55769-06**										
Prepared & Analyzed: 20-Dec-06										
% Solids	78.8		%			78.9			0.127	20
Batch 6121694 - General Preparation										
Duplicate (6121694-DUP1) **Source: SA55773-02**										
Prepared & Analyzed: 21-Dec-06										
% Solids	89.3		%			89.7			0.447	20

Notes and Definitions

*TPH	Calculated as
Comp	Completed
FP	Field Preserved
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QC3	The spike recovery is outside acceptable limits for the LCS. The batch was accepted based upon the MS and/or MSD meeting the LCS limits criteria.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR1	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR5	RPD out of acceptance range.
R05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
vex2	Field extracted
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

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

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:	Busway - Park St Station - CT	Busway - Park St Station - CT/ 171-305	

This Form Provides certifications for the following data set:

SA55812-01	SA55812-11
SA55812-02	SA55812-12
SA55812-03	SA55812-13
SA55812-04	SA55812-14
SA55812-05	SA55812-15
SA55812-06	
SA55812-07	
SA55812-08	
SA55812-09	
SA55812-10	

Sample Matrices:
- Aqueous
- Soil/Sediment

List Specific Analytical Methods Used:
- +CT ETPH
- +SW846 8100Mod.
- EPA 200.7
- EPA 245.1/7470A
- SM2540 G Mod.
- SW 846 8260B
- SW846 1312
- SW846 1312/6010B
- SW846 1312/7470A
- SW846 6010B
- SW846 7471A
- SW846 8081A
- SW846 8082
- SW846 8260B
- SW846 8270C
- SW846 8270C/EPA 625 !
- VOC

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: 12/26/2006

SA55812 rg

SPECTRUM ANALYTICAL, INC.
Featuring
HANNIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 2

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☐ ~~Rush~~ TAT - Date Needed: 12-26
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Cindy Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: D. Stack - Maguire

Invoice To: CDOT - DAS Contract
Rush Order # 1531
P.O. No.: RQN:

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

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs - 8260	CT EPH	SVOCs - 8270	Pesticides 608/4	PCBs 8082	Total Recoverable 8 Metals	SPLP Recov. 8 Metals	QA Reporting Notes (check if needed)
SA55812-01	PS-1 4-8'	12-15-06		C	SO		3	1			X	X	X	X	X	X	X	CTDEP GW PMC + RDL
02	PS-1 8-12'																	
03	PS-2 2-4'																	
04	PS-3 2-4'																	
05	PS-4 2-4'																	
06	PS-4 8-12'																	
07	PS-5 2-4'																	
08	PS-8 2-4'																	
09	PS-9 2-4'																	
10	PS-10 2-4'																	

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

☐ Fax results when available to (____) _____
☒ E-mail to ckeglogical@environmental.com
EDD Format PDF

Condition upon receipt: ☑ Iced ☐ Ambient ☑ °C 2 CCR

Relinquished by:	Received by:	Date:	Time:
		12/18/06	1644
		12/18/06	18:05

SA55812

SPECTRUM ANALYTICAL, INC.
Formerly
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:
☐ Standard TAT - 7 to 10 business days
☒ Rush TAT - Date Needed: 12-26
· All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
· Samples disposed of after 60 days unless otherwise instructed.

Report To: C. Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: P. Stock - MGT

Invoice To: CTDOT - DAS Contract
Rush Order # 1531
P.O. No.: _____ RQN: _____

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

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs-8260	CTETPH	SVOCs-8270	Pesticides-8081A	PCBs-8082	Total RCRA 8 metals	SPLP RCRA 8 metals	TPH-Modified 8100	QA Reporting Notes: (check if needed)
SA55812-11	PS-12 2-4'	12-15-06		C	SO		3	1				X	X	X	X	X	X	X		CTDEP GB PMC, RDEC SWPC + RVC
12	PS-13 4-8'	↓		C	SO		3	1				X	X	X	X	X	X	X		
13	PS-1 GW	↓		G	GW		3	1				X							X	
14	PS-9 GW	↓		G	GW		3	4		1		X	X	X	X	X	X			
15	FB-2	↓			X1		3			1		X					X			

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☐ Provide CT DPH RCP Report
QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other_____
State specific reporting standards: CTDEP GB PMC, RDEC SWPC + RVC

☐ Fax results when available to (____) _____
☒ E-mail to ck@logicalenvironmental.com
EDD Format PDF

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 2 CLR

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12/18/06	1644
[signature]	[signature]	1/18/06	1845