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TASK 210:
SUBSURFACE SITE INVESTIGATION

New Britain-Hartford Busway Project
Elmwood Station
646 – 650 New Park Avenue
West 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

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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 Grab Sample Analyses	11
	5.4	Quality Assurance/Quality Control Samples	12
6.0	DISCUSSION OF AFFECTED RESOURCES		12
	6.1	Groundwater Area of Environmental Concern	12
	6.2	Low Level Areas of Environmental Concern	13
7.0	RECOMMENDATIONS		13
8.0	LIMITATIONS		14

Figures

Figure 1 - Site Location Plan 2

Figure 2 – Task 210 Project Area & Sampling Locations 4

Tables

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

Table 2(a) & 2(b) Results of Groundwater Sample Analyses

Table of Contents (continued)

Appendices

Appendix A	Certificate of Condemnation for Access
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 646 – 650 New Park Avenue property in West Hartford, Connecticut. This Task 210 – Subsurface Site Investigation was completed in association with the New Britain to Hartford Busway, Elmwood Station project in West Hartford, Connecticut. Based upon a review of the preliminary construction plans, the anticipated construction activities will involve total right-of-way takings of several parcels, including the acquisition of the 646 – 650 New Park Avenue property. This Task 210 – Subsurface Site Investigation was conducted on the 646 – 650 New Park Avenue property. 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 646 – 650 New Park 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 will be conducted on the property located at 646 – 650 New Park Avenue property that will comprise a portion of the proposed Elmwood Station. The 646 – 650 New Park Avenue property comprises approximately 0.65 acres and houses a car wash and a gas station. The rectangular, automatic car wash structure was built in 1990 and is heated by natural gas. To the west of the car wash building is a pump island with two fuel dispensers. Three (3) 3,000-gallon underground storage tanks (USTs) that were installed in 1990 are situated to the north of the fuel pump island. Prior to the construction of the existing onsite building in 1990, the property housed a service station and a car wash since 1960. Prior to approximately 1950, the site was formerly part of the Elmwood Railroad Station.

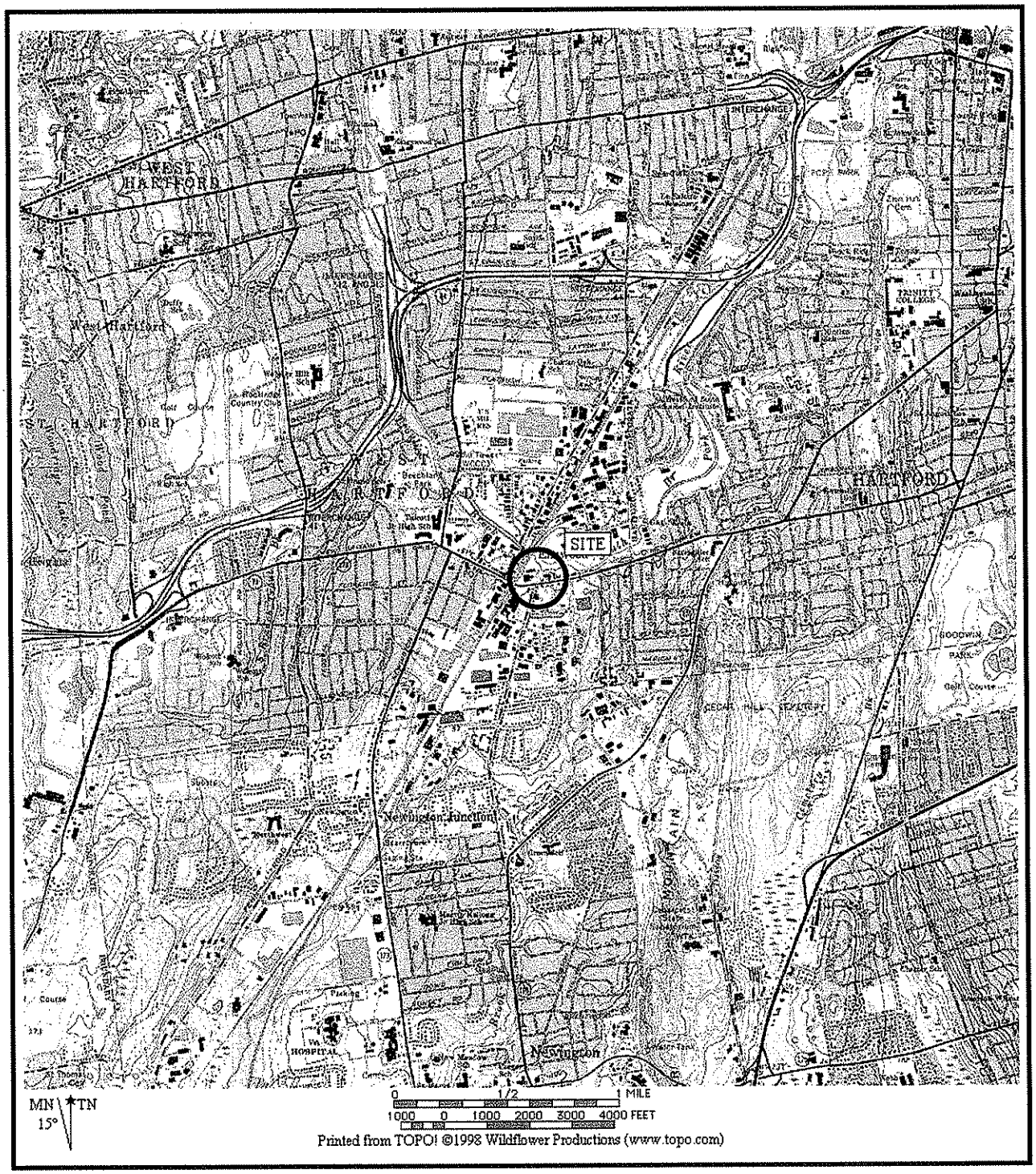

FIGURE 1 – SITE LOCATION PLAN

Elmwood Station: 646 – 650 New Park Avenue

New Britain to Hartford Busway Project – Elmwood Station

West Hartford, Connecticut

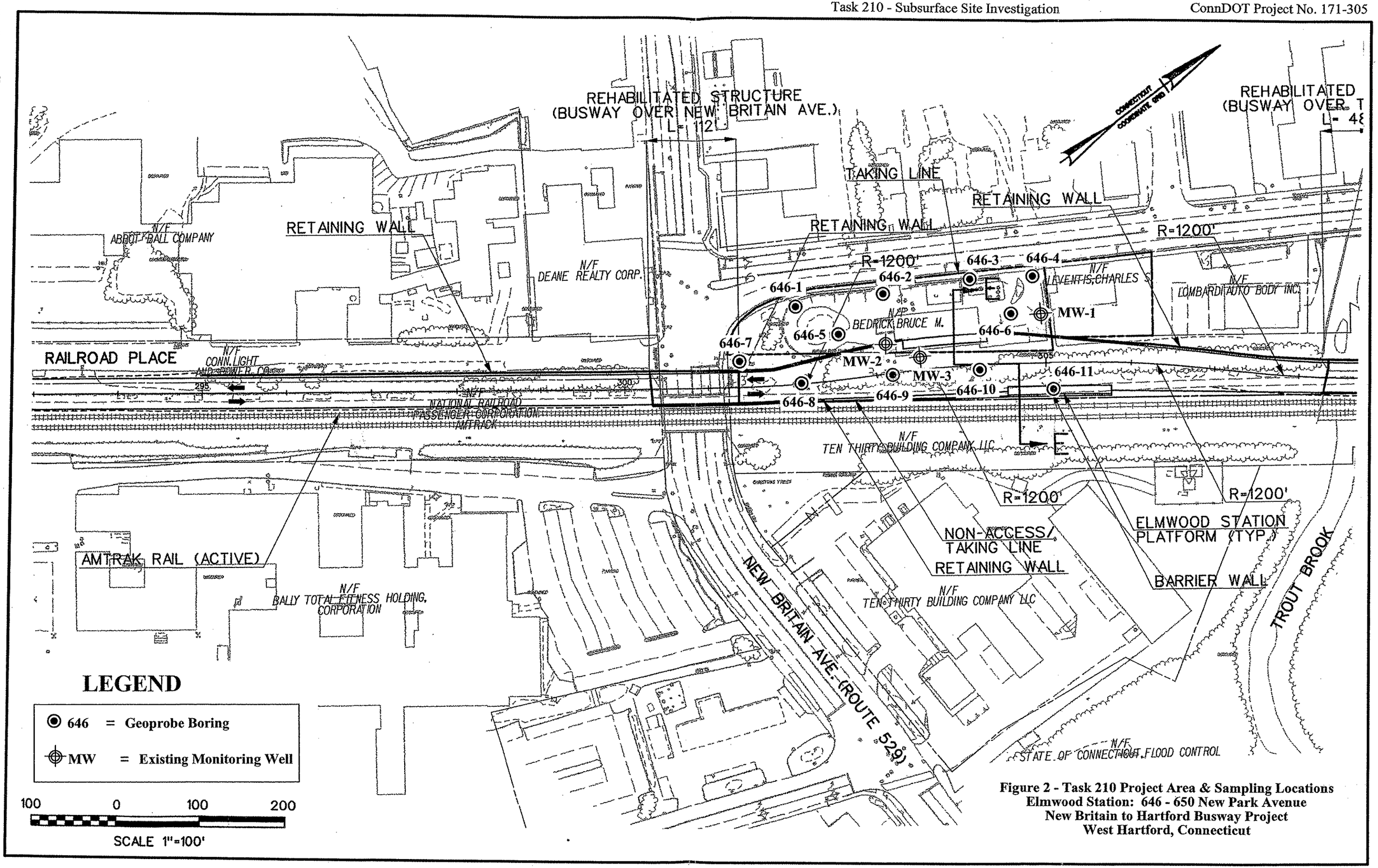

Figure 2 - Task 210 Project Area & Sampling Locations
Elmwood Station: 646 - 650 New Park Avenue
New Britain to Hartford Busway Project
West Hartford, Connecticut

According to CTDEP information, four (4) former USTs were removed from the property in 1989. The former USTs included a 1,000-gallon heating oil UST, a 15,000-gallon gasoline UST, and two (2) 30,000-gallon kerosene USTs. The tanks were all installed in 1959 and were reportedly located in the southern and western portion of the property. In addition, several releases were reported at the site including 100-gallons of fuel oil, 35-gallons of gasoline, 10-gallons of gasoline, and petroleum impacted soil in the southern and western portions of the property. All of the spills were reportedly cleaned up and the contaminated soil was excavated for offsite disposal. In addition, three groundwater monitoring wells are located on the property.

The 646 – 650 New Park Avenue property is owned by Bruce Bedrick. The property was recommended for additional investigation in a May 2003 Task 120 – Preliminary Site Evaluation report prepared by others. The 646 – 650 New Park Avenue site is 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 9 feet below grade in all of the soil borings. However, groundwater recharge rates were slow due to the silt and clay 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 Trout Brook is located approximately 325 feet to the northeast of the site. Trout Brook is a Class "B/A" surface water body, which indicates that it does not meet Class "A" surface water criteria. The goal is to restore the surface water quality to Class "A" standards. The site and the area around the site slope downwards to the east/southeast. Based upon this, it is estimated that surface water runoff at the site flows to the east/southeast.

3.2 Geology

The CTDEP's "Environmental GIS Data for Connecticut" indicates that the soil at the Elmwood 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 sand units underlain by sand and silt units with varying amounts of clay and gravel. Bedrock was not encountered in any of the borings.

4.0 SUBSURFACE INVESTIGATION

Based on the current and former uses of the site, a comprehensive sampling program was conducted on the 646 – 650 New Park Avenue parcel. The following subsections detail the investigation. Authorization to access the property (owned by Bruce Bedrick) 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. The following subsections detail the investigation.

4.1 Geoprobe® Soil Borings & Soil Sample Analyses

On December 13, 2006, eleven (11) Geoprobe® soil borings (646-1 through 646-11) were advanced on the 646 – 650 New Park Avenue property. 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 five (5) selected boring locations (646-2, 646-4, 646-5, 646-9, & 646-10) 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

The three (3) existing groundwater monitoring wells (designated MW-1 through MW-3) located on the site were sampled during this investigation. Prior to sampling, the wells were purged at least three (3) well volumes in order to ensure that a representative groundwater sample was obtained. The wells were sampled according to the CTDEP's "Low Flow Sampling Procedures" and EPA's "Low Stress (Low Flow) Purging and Sampling Procedure for the Collection of Ground Water Samples from Monitoring Wells" utilizing dedicated tubing and a low-flow peristaltic pump All of the groundwater samples were placed in laboratory-supplied glassware, and stored in an ice-filled cooler. The groundwater samples were analyzed for VOCs (EPA Method 8260), BNAs (EPA Method 8270), petroleum hydrocarbons (Connecticut ETPH), pesticides (EPA Method 8081A), PCBs (EPA Method 8082), and total RCRA 8 metals.

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 one (1) field blank sample was collected in the field. The field and trip blank samples were stored with the daily samples in the sample cooler until subsequent delivery to the laboratory. The field blank water sample was collected by pouring laboratory supplied de-ionized water through an acetate liner and macro-core cutting shoe, and collecting the rinsate in appropriate sample containers. The field blank sample was analyzed for the same parameters as the daily samples. The trip blank sample was analyzed for VOCs.

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

5.0 DISCUSSION OF SAMPLE RESULTS

5.1 Regulatory Criteria

The CTDEP adopted Remediation Standard Regulations (Regulations of Connecticut State Agencies, Section 22a-133k-1 to 3 and 22a-133q-1) as of January 31, 1996. The Remediation Standard Regulations (RSRs) apply to any site undergoing voluntary remediation under Public Acts 95-183 or 95-190, a transfer of an "establishment" under Public Act 95-183, or any site as ordered by the CTDEP Commissioner. The Regulations also outline the processes for establishing alternative site-specific numerical standards for certain sites, upon approval by the CTDEP.

The RSRs criteria applicable to the soil 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 Trout Brook, 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(d), 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 140 parts per million (ppm). However, none of the concentrations detected exceed any applicable CTDEP RSR criteria.

The 2 to 4 foot sample from boring 646-4 contained the VOCs methyl-tert butyl ether (MTBE) (1.87 ppm [low-level sample], 1.78 ppm [high-level sample]), tert-amyl methyl ether (0.5 ppm [low-level sample], 0.643 ppm [high-level sample]), and tert-butanol (0.532 ppm [low-level sample]) at low concentrations that do not exceed any applicable CTDEP RSR criteria. In addition, the 4 to 8 foot sample from boring 646-4 contained the VOCs MTBE (0.203 ppm) and tert-amyl methyl ether (0.0623 ppm) at low concentrations that do not exceed any applicable CTDEP RSR criteria. No other soil sample contained detectable concentrations of VOCs.

The 2 to 4 foot sample from boring 646-9 contained the BNA compounds fluoranthene (0.296 ppm) and pyrene (0.327 ppm) at low concentrations that do not exceed any applicable CTDEP RSR criteria. No other soil sample contained detectable concentrations of BNAs.

The soil samples did not contain detectable concentrations of pesticides and PCBs. Total and leachable concentrations of the metals arsenic, barium, cadmium, chromium, lead, mercury, and silver were detected at varying concentrations in the soil samples. However, none of the concentrations detected exceed any applicable CTDEP RSR criteria.

5.3 Results of Groundwater Grab Sample Analyses

The three groundwater samples collected from the onsite monitoring wells (MW-1, MW-2 & MW-3) were sent to Spectrum Analytical for laboratory analyses. Summaries of the laboratory results from the groundwater samples are presented in Table 2(a) and 2(b), which are located at the end of this report, and copies of the groundwater analytical results are included in Appendix D.

The groundwater samples did not contain detectable concentrations of BNAs, pesticides, and PCBs. The MW-1 groundwater sample contained petroleum hydrocarbons at a concentration of 1.0 ppm, which does not exceed any applicable CTDEP RSR criteria. Petroleum hydrocarbons were not detected in the MW-2 and MW-3 groundwater samples.

The MW-1 groundwater sample contained the VOC MTBE (1.0 parts per billion [ppb]) at a low concentration that does not exceed any applicable CTDEP RSR criteria. VOCs were not detected in the MW-2 and MW-3 groundwater samples.

Total barium and lead were detected at varying concentrations in the groundwater samples. The MW-3 groundwater sample contained lead (0.0186 ppm) at a total concentration that exceeds its SWPC of 0.013 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 (FB-1) and trip blank (TB-1) samples did not contain detectable concentrations of contaminants. 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, a site-wide Groundwater Area of Environmental Concern (GWAOEC) has been identified where contaminants are present at concentrations that exceed applicable CTDEP RSR criteria. In addition, three (3) low-level areas of environmental concern (LLAOEC) have been identified, where contaminants were detected at concentrations below applicable CTDEP RSR standards, but above laboratory detection limits. The locations of the GWAOEC, and LLAOECs within the project area are discussed in the following sections.

6.1 Groundwater Area of Environmental Concern

Analytical results from the MW-3 groundwater sample indicate the presence of total lead contamination at an elevated concentration that exceeds its SWPC. The groundwater in the western portion of the site is also impacted with VOCs and 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.

6.2 Low Level Areas of Environmental Concern

LLAOEC #A: Boring 646-2:

Analytical results from the soil samples collected from boring 646-2 indicate the presence of petroleum hydrocarbons at concentrations below CTDEP RSR standards. The contamination was detected in the soil ranging from 4 to 8 feet below grade.

LLAOEC #B: Boring 646-4:

Analytical results from the soil samples collected from boring 646-4 indicate the presence of VOCs at concentrations below CTDEP RSR standards. The contamination was detected in the soil ranging from 2 to 8 feet below grade.

LLAOEC #C: Borings 646-9, 646-10, & 646-11:

Analytical results from the soil samples collected from borings 646-9, 646-10, and 646-11 indicate the presence of petroleum hydrocarbons and BNA compounds at concentrations below CTDEP RSR standards. The contamination was detected in the soil ranging from 2 to 8 feet below grade.

7.0 RECOMMENDATIONS

The results of the Task 210 – Subsurface Site Investigation for the 646 – 650 New Park Avenue property, in association with the New Britain to Hartford Busway, Elmwood Station project in West Hartford, Connecticut indicate the presence of petroleum hydrocarbons, VOCs, BNA compounds, and metals at low concentrations in the soil that do not exceed any applicable RSR criteria. In addition, groundwater at the site is impacted with total lead at a concentration that exceeds the RSR criteria. A site-wide Groundwater Area of Environmental Concern (GWAOEC) and three (3) 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 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: Elmwood Station
646 New Park Avenue
West Hartford, Connecticut

Boring I.D.: Sample Depth:	646-1 2'-4'	646-2 2'-4'	646-2 4'-8'	646-3 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	BRL	39.2	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	2.97	3.56	3.74		10/10 ppm
Barium	43.2	188	181	172		4,700/140,000 ppm
Chromium	9.54	32.1	31.5	30.3		100/100 ppm
Lead	22.0	9.66	11.1	8.26		500/1,000 ppm
Silver	BRL	2.96	2.91	2.67		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	1.59	0.244	1.37	2.28	10.0 ppm	
Cadmium	0.0031	BRL	BRL	BRL	0.05 ppm	
Lead	0.0763	BRL	BRL	0.0246	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: Elmwood Station
646 New Park Avenue
West Hartford, Connecticut

Boring I.D.: Sample Depth:	646-4 2'-4'	646-4 4'-8'	646-5 2'-4'	646-5 8'-12'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	BRL	BRL	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)						
Methyl Tertiary Butyl Ether	1.87/1.78*	0.203	BRL	BRL	20 ppm	500/1,000 ppm
Tert-amyl Methyl Ether	0.5/0.643*	0.0623	BRL	BRL	None Established	None Established
Tert-Butanol	0.532/BRL*	BRL	BRL	BRL	None Established	None Established
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	3.68	3.65	BRL	3.88		10/10 ppm
Barium	247	218	63.9	269		4,700/140,000 ppm
Chromium	42.3	38.4	10.4	43.9		100/100 ppm
Lead	12.1	11.6	8.67	13.1		500/1,000 ppm
Silver	4.32	3.26	BRL	3.98		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	2.02	2.1	1.81	1.13	10.0 ppm	
Chromium	0.0052	BRL	0.0056	BRL	0.5 ppm	
Lead	BRL	0.0156	0.0168	BRL	0.15 ppm	

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

* Low Level VOA (DI Water) Sample/High Level VOA (Methanol) Sample

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: Elmwood Station
646 New Park Avenue
West Hartford, Connecticut

Boring I.D.: Sample Depth:	646-6 2'-4'	646-7 2'-4'	646-8 4'-8'	646-9 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	BRL	BRL	91.1	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
BNAs - Method 8270 (ppm)						
Fluoranthene	BRL	BRL	BRL	0.296	56 ppm	1,000/2,500 ppm
Pyrene	BRL	BRL	BRL	0.327	40 ppm	1,000/2,500 ppm
Total BNAs	BRL	BRL	BRL	0.623		
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	3.26	4.05	1.99		10/10 ppm
Barium	21.5	216	242	102		4,700/140,000 ppm
Cadmium	BRL	BRL	BRL	0.815		34/1,000 ppm
Chromium	4.16	36.8	40.9	14.6		100/100 ppm
Lead	2.49	10.7	11.7	101		500/1,000 ppm
Mercury	BRL	BRL	BRL	0.082		20/610 ppm
Silver	BRL	3.85	3.9	BRL		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.612	0.101	0.0525	0.055	10.0 ppm	
Chromium	BRL	0.0097	BRL	BRL	0.5 ppm	
Lead	0.0094	BRL	BRL	0.0176	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(d) - Results of Geoprobe Boring Soil Sample Analyses
New Britain-Hartford Busway: Elmwood Station
646 New Park Avenue
West Hartford, Connecticut

Boring I.D.: Sample Depth:	646-9 4'-8'	646-10 2'-4'	646-10 4'-8'	646-11 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	140	36.3	138	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	3.25	2.94	2.56	BRL		10/10 ppm
Barium	208	206	168	80.4		4,700/140,000 ppm
Cadmium	1.07	0.921	1.01	0.546		34/1,000 ppm
Chromium	33.4	29.1	30.8	13.4		100/100 ppm
Lead	65.1	174	178	43.4		500/1,000 ppm
Mercury	BRL	0.0906	BRL	BRL		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0422	1.08	0.074	0.0584	10.0 ppm	
Cadmium	BRL	0.0038	BRL	BRL	0.5 ppm	
Chromium	BRL	BRL	0.0075	0.0057	0.5 ppm	
Lead	BRL	0.0534	0.0156	0.023	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 2(a) - Results of Groundwater Sample Analyses
New Britain-Hartford Busway: Elmwood Station
646 New Park Avenue
West Hartford, Connecticut

Sample I.D.:	MW-1	MW-2	CTDEP Surface Water Protection Criteria	CTDEP Volatilization Criteria Residential/Commercial & Industrial
CT ETPH (ppm)	1.0	BRL	None Established	Not Applicable
VOCs - EPA Method 8260 (ppb)				
Methyl Tert-Butyl Ether	1.0	BRL	None Established	500/1,000 ppb
BNAs - EPA Method 8270 (ppb)	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL		
Total RCRA 8 Metals – ppm				Not Applicable
Barium	0.111	0.364	None Established	

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(b) - Results of Groundwater Sample Analyses
New Britain-Hartford Busway: Elmwood Station
646 New Park Avenue
West Hartford, Connecticut

Sample I.D.:	MW-3	CTDEP Surface Water Protection Criteria	CTDEP Volatilization Criteria Residential/Commercial & Industrial
CT ETPH (ppm)	BRL	None Established	Not Applicable
VOCs - EPA Method 8260 (ppb)	BRL		
BNAs - EPA Method 8270 (ppb)	BRL		
Pesticides - Method 8081 (ppm)	BRL		
PCBs – Method 8082 (ppm)	BRL		
Total RCRA 8 Metals – ppm			Not Applicable
Barium	0.102	None Established	
Lead	***0.0186***	**0.013 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.

APPENDIX A
Certificate of Condemnation for Access

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 Bruce M. Bedrick, 23 Bay Road, East Hampton, Connecticut 06424.

DESCRIPTION OF RIGHT

Said interest consists of the right to enter that certain parcel of land situated in the Town of West Hartford, County of Hartford and State of Connecticut, on the easterly side of Present New Park Avenue, at New Britain Avenue, known as 646 New Park 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. 171-305-69

APPENDIX B
Boring Logs

GEOPROBE SOIL BORING LOG

Project: Busway - 646-650 New Park Ave. **Boring:** 646-1

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

Client: MGI **Date:** 12-13-06

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
		Ground Surface	0.0		
0.0		Red-Brown fine to medium SAND, some Silt, trace fine to coarse Gravel		0	Macro Core 0'-2'
1.0					
2.0					
3.0			3.0	0.3	Macro Core 2'-4'
4.0		Gray SILT & CLAY (wet at 8')			
5.0					
6.0				0.1	Macro Core 4'-8'
7.0					
8.0					
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:** 8' **Boring Dia.:** 2"

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

GEOPROBE SOIL BORING LOG

Project: Busway - 646-650 New Park Ave. **Boring:** 646-2

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

Client: MGI **Date:** 12-13-06

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
		Ground Surface	0.0		
0.0		ASPHALT - 2"			
1.0		Gray medium to coarse GRAVEL, little fine to medium Sand, trace Silt	1.5	0	Macro Core 0'-2'
2.0		Gray-Brown fine to coarse SAND, trace Silt & fine Gravel (wet at 2.5')			
3.0			3.5	1.7	Macro Core 2'-4'
4.0					
5.0					
6.0				1.3	Macro Core 4'-8'
7.0		Gray SILT & CLAY			
8.0					
9.0					
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:** 2.5' **Boring Dia.:** 2"

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

GEOPROBE SOIL BORING LOG

Project: Busway - 646-650 New Park Ave. | **Boring:** 646-3

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

Client: MGI | **Date:** 12-13-06

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
		Ground Surface	0.0		
0.0		ASPHALT - 2"			
1.0		Gray medium to coarse GRAVEL, little fine to medium Sand, trace Silt	1.5	0	Macro Core 0'-2'
2.0		Gray-Brown fine to coarse SAND, trace Silt & fine Gravel (wet at 2.5')			
3.0			3.5	0.6	Macro Core 2'-4'
4.0					
5.0					
6.0				0.3	Macro Core 4'-8'
7.0		Gray SILT & CLAY (moist)			
8.0					
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 - 646-650 New Park Ave. **Boring:** 646-4

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

Client: MGI **Date:** 12-13-06

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
		Ground Surface	0.0		
0.0		Gray-Brown fine to medium SAND, little Silt & fine Gravel	0.4		
1.0				0.1	Macro Core 0'-2'
2.0		Gray SILT, little Clay			
3.0				3.7	Macro Core 2'-4'
4.0			4.0		
5.0					
6.0				7.0	Macro Core 4'-8'
7.0					
8.0		Gray SILT & CLAY (wet at 7')			
9.0					
10.0				0.3	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' **Boring Dia.:** 2"

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

GEOPROBE SOIL BORING LOG

Project: Busway - 646-650 New Park Ave. | **Boring:** 646-5

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

Client: MGI | **Date:** 12-13-06

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		
1.0		Red-Brown fine to medium SAND, some Silt, trace fine to coarse Gravel	1.5	0.1	Macro Core 0'-2'
2.0, 3.0		Brown fine to coarse SAND, trace Silt & fine Gravel	4.0	1.1	Macro Core 2'-4'
4.0, 5.0, 6.0, 7.0, 8.0		Gray SILT & CLAY with seams of Clay	9.0	4.6	Macro Core 4'-8'
9.0, 10.0, 11.0		Gray CLAY (wet at 9')	12.0	27	Macro Core 8'-12'
12.0, 13.0, 14.0, 15.0		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:** 9' | **Boring Dia.:** 2"

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

GEOPROBE SOIL BORING LOG

Project: Busway - 646-650 New Park Ave. | **Boring:** 646-6

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

Client: MGI | **Date:** 12-13-06

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
		Ground Surface	0.0		
0.0		ASPHALT - 1"			
1.0		Dark-Gray fine to medium SAND, little Silt & fine Gravel	1.5	0.1	Macro Core 0'-2'
2.0					
3.0				0.7	Macro Core 2'-4'
4.0					
5.0		Red-Brown fine to coarse SAND, trace Silt & fine Gravel (wet at 3')			
6.0				0.2	Macro Core 4'-8'
7.0					
8.0			8.5		
9.0					
10.0		Gray SILT & CLAY (moist)		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 - 646-650 New Park Ave. **Boring:** 646-7

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

Client: MGI **Date:** 12-13-06

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
		Ground Surface	0.0		
0.0		Red-Brown fine to medium SAND, some Silt, trace fine to coarse Gravel		0	Macro Core 0'-2'
1.0					
2.0					
3.0			3.0	0.1	Macro Core 2'-4'
4.0		Gray SILT & CLAY (wet at 7')			
5.0					
6.0				0	Macro Core 4'-8'
7.0					
8.0					
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:** 7' **Boring Dia.:** 2"

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

GEOPROBE SOIL BORING LOG

Project: Busway - 646-650 New Park Ave. **Boring:** 646-8

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

Client: MGI **Date:** 12-13-06

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		
0.0		Brown fine to medium SAND, little Silt & fine to coarse Gravel			
1.0		Red-Brown fine to medium SAND, some Silt, little fine to coarse Gravel		0	Macro Core 0'-2'
2.0			2.5		
3.0		Gray-Brown fine to medium SAND, some Silt, trace fine to coarse Gravel	3.5	0.4	Macro Core 2'-4'
4.0					
5.0					
6.0				1.5	Macro Core 4'-8'
7.0		Gray SILT & CLAY (wet at 7')			
8.0					
9.0					
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:** 7' **Boring Dia.:** 2"

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

GEOPROBE SOIL BORING LOG

Project: Busway - 646-650 New Park Ave. **Boring:** 646-9

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

Client: MGI **Date:** 12-13-06

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		
1.0		Brown-Gray fine to medium SAND, little Silt & fine Gravel	1.5	0.2	Macro Core 0'-2'
2.0, 3.0		Red-Brown fine to coarse SAND, trace Silt & fine Gravel (wet at 3')		1.6	Macro Core 2'-4'
4.0, 5.0, 6.0, 7.0, 8.0				1.2	Macro Core 4'-8'
9.0, 10.0, 11.0, 12.0		Gray SILT & CLAY (moist)	8.5 / 12.0	0	Macro Core 8'-12'
13.0, 14.0, 15.0		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:** 3' **Boring Dia.:** 2"

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

GEOPROBE SOIL BORING LOG

Project: Busway - 646-650 New Park Ave. **Boring:** 646-8

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

Client: MGI **Date:** 12-13-06

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		
		Brown fine to medium SAND, little Silt & fine to coarse Gravel			
1.0		Red-Brown fine to medium SAND, some Silt, little fine to coarse Gravel		0	Macro Core 0'-2'
2.0			2.5		
3.0		Gray-Brown fine to medium SAND, some Silt, trace fine to coarse Gravel	3.5	0.4	Macro Core 2'-4'
4.0					
5.0					
6.0				1.5	Macro Core 4'-8'
7.0					
8.0		Gray SILT & CLAY (wet at 7')			
9.0					
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:** 7' **Boring Dia.:** 2"

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

GEOPROBE SOIL BORING LOG

Project: Busway - 646-650 New Park Ave.
Boring: 646-9
Location: West Hartford, CT
Inspector: C. Criscuolo
Client: MGI
Date: 12-13-06

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		
1.0		Brown-Gray fine to medium SAND, little Silt & fine Gravel	1.5	0.2	Macro Core 0'-2'
2.0, 3.0		Red-Brown fine to coarse SAND, trace Silt & fine Gravel (wet at 3')		1.6	Macro Core 2'-4'
4.0, 5.0, 6.0, 7.0, 8.0				1.2	Macro Core 4'-8'
9.0, 10.0, 11.0, 12.0		Gray SILT & CLAY (moist)	8.5 12.0	0	Macro Core 8'-12'
13.0, 14.0, 15.0		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: 3'
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway - 646-650 New Park Ave. **Boring:** 646-10

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

Client: MGI **Date:** 12-13-06

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		
1.0		Brown-Gray fine to medium SAND, little Silt & fine Gravel	1.5	0.3	Macro Core 0'-2'
2.0, 3.0		Red-Brown fine to coarse SAND, trace Silt & fine Gravel (wet at 3')		1.4	Macro Core 2'-4'
4.0, 5.0, 6.0, 7.0, 8.0				1.2	Macro Core 4'-8'
9.0, 10.0, 11.0, 12.0		Gray SILT & CLAY (moist)	8.5 12.0	0	Macro Core 8'-12'
13.0, 14.0, 15.0		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:** 3' **Boring Dia.:** 2"

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

GEOPROBE SOIL BORING LOG

Project: Busway - 646-650 New Park Ave. **Boring:** 646-11

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

Client: MGI **Date:** 12-13-06

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		
1.0		Brown-Gray fine to medium SAND, little Silt & fine Gravel	1.5	0.1	Macro Core 0'-2'
2.0, 3.0		Red-Brown fine to coarse SAND, trace Silt & fine Gravel (wet at 3')		0.8	Macro Core 2'-4'
4.0, 5.0, 6.0, 7.0, 8.0				0.1	Macro Core 4'-8'
9.0, 10.0, 11.0, 12.0		Gray SILT & CLAY (moist)	8.5, 12.0	0	Macro Core 8'-12'
13.0, 14.0, 15.0		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:** 3' **Boring Dia.:** 2"

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

Report Date:
21-Dec-06 16:30

☑ 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
SA55591-01	646-1 2'-4'	Soil	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-02	646-2 2'-4'	Soil	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-03	646-2 4'-8'	Soil	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-04	646-3 2'-4'	Soil	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-05	646-4 2'-4'	Soil	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-06	646-4 4'-8'	Soil	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-07	646-5 2'-4'	Soil	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-08	646-5 8'-12'	Soil	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-09	646-6 2'-4'	Soil	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-10	646-7 2'-4'	Soil	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-11	646-8 4'-8'	Soil	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-12	646-9 2'-4'	Soil	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-13	646-9 4'-8'	Soil	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-14	646-10 2'-4'	Soil	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-15	646-10 4'-8'	Soil	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-16	646-11 2'-4'	Soil	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-17	MW-1	Ground Water	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-18	MW-2	Ground Water	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-19	MW-3	Ground Water	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-20	FB-1	Blank Water	13-Dec-06 00:00	14-Dec-06 15:28
SA55591-21	TB-1	Blank Water	13-Dec-06 00:00	14-Dec-06 15:28

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 156 pages of analytical data plus Chain of Custody document(s).
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New York # 11393/11840
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USDA # S-51435
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Authorized by:

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

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-1 2'-4' SA55591-01	171-305	Soil	13-Dec-06 00:00	14-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	14-Dec-06	14-Dec-06	6121150	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	5.0	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
67-64-1	Acetone	BRL		µg/kg dry	100	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	10.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	50.1	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	25.1	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	10.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	10.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	50.1	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	50.1	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	50.1	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-1 2'-4' SA55591-01	171-305	Soil	13-Dec-06 00:00	14-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	5.0	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	10.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	50.1	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	50.1	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	100	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*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	15.4	1	+CT ETPH	18-Dec-06	20-Dec-06	6121304	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	15.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	15.4	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	15.4	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	15.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*86.5*		*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
646-1 2'-4' SA55591-01	171-305	Soil	13-Dec-06 00:00	14-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	5.39	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
319-84-6	a-BHC	BRL		µg/kg dry	5.39	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	5.39	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.39	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.39	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	27.0	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.39	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.39	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.39	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.39	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.39	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.39	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.39	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.39	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.39	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.39	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.39	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.39	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	27.0	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.39	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.39	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.39	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*64.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*90.4*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	10.8	1	SW846 8082	18-Dec-06	19-Dec-06	6121307	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	10.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	10.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	10.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	10.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	10.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	10.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	10.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	10.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*59.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*		*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	191	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	191	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	191	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	191	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	191	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	191	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	191	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-1 2'-4' SA55591-01	171-305	Soil	13-Dec-06 00:00	14-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	191	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	191	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	191	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	191	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	191	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	191	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	191	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	191	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	191	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	191	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	191	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	191	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	191	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	191	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	191	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	191	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	191	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	191	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	191	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	191	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	191	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	191	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	191	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	191	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	191	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	191	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	191	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	191	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	191	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	191	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	191	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	191	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	191	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	191	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	191	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	191	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	191	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	191	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	191	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	191	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	191	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	191	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	191	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	191	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	191	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	191	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	191	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	191	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	191	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	191	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
646-1 2'-4' SA55591-01	171-305	Soil	13-Dec-06 00:00	14-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	191	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	764	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	191	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	191	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	764	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	191	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	191	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	191	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	191	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	191	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	191	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	191	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	191	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	191	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	191	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	191	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*99.2*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*91.5*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*80.6*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*71.5*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*97.7*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*111*	SGC	*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0324	1	SW846 7471A	19-Dec-06	20-Dec-06	6121171	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.940	1	EPA 200.7	19-Dec-06	20-Dec-06	6121170	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.41	1	"	"	"	"	"
7440-39-3	Barium	43.2		mg/kg dry	0.470	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.235	1	"	"	"	"	"
7440-47-3	Chromium	9.54		mg/kg dry	0.470	1	"	"	"	"	"
7439-92-1	Lead	22.0		mg/kg dry	0.705	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.41	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Dec-06	18-Dec-06	6121428	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Dec-06	20-Dec-06	6121487	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	1.59		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	0.0031		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	"	20-Dec-06	6121489	YP
7439-92-1	Lead	0.0763		mg/l	0.0075	1	SW846 1312/6010B	"	20-Dec-06	6121487	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	91.2		%		1	SM2540 G Mod.	18-Dec-06	18-Dec-06	6121403	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-2 2'-4'	171-305	Soil	13-Dec-06 00:00	14-Dec-06
SA55591-02				

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	14-Dec-06	14-Dec-06	6121150	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	8.1	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
67-64-1	Acetone	BRL		µg/kg dry	163	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	16.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	81.5	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	40.7	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	16.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.1	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	16.3	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	16.3	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	16.3	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	81.5	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	81.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	81.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-2 2'-4' SA55591-02	171-305	Soil	13-Dec-06 00:00	14-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	8.1	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
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	16.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	81.5	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	81.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	163	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99.0*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*110*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*112*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	18.0	1	+CT ETPH	18-Dec-06	20-Dec-06	6121304	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	18.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	18.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	18.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	18.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	18.0	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	18.0	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	18.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	18.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	18.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*75.6*		*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
646-2 2'-4' SA55591-02	171-305	Soil	13-Dec-06 00:00	14-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	6.73	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.73	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.73	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.73	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.73	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	33.6	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.73	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.73	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.73	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.73	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.73	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.73	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.73	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.73	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.73	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.73	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.73	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.73	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	33.6	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.73	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.73	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.73	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*67.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*94.0*		*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	18-Dec-06	19-Dec-06	6121307	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)*	*60.1*		*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	223	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	223	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	223	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	223	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	223	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	223	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	223	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-2 2'-4' SA55591-02	171-305	Soil	13-Dec-06 00:00	14-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	223	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	223	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	223	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	223	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	223	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	223	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	223	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	223	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	223	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	223	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	223	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	223	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	223	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	223	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	223	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	223	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	223	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	223	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	223	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	223	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	223	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	223	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	223	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	223	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	223	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	223	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	223	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	223	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	223	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	223	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	223	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	223	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	223	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	223	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	223	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	223	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	223	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	223	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	223	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	223	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	223	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	223	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	223	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	223	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	223	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	223	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	223	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	223	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	223	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	223	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
646-2 2'-4' SA55591-02	171-305	Soil	13-Dec-06 00:00	14-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	223	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	892	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	223	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	223	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	892	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	223	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	223	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	223	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	223	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	223	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	223	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	223	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	223	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	223	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	223	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	223	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*93.1*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*83.3*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*74.7*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*95.1*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*94.2*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*104*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0386	1	SW846 7471A	19-Dec-06	20-Dec-06	6121171	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	2.96		mg/kg dry	1.21	1	EPA 200.7	19-Dec-06	20-Dec-06	6121170	LR
7440-38-2	Arsenic	2.97		mg/kg dry	1.81	1	"	"	"	"	"
7440-39-3	Barium	188		mg/kg dry	0.604	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.302	1	"	"	"	"	"
7440-47-3	Chromium	32.1		mg/kg dry	0.604	1	"	"	"	"	"
7439-92-1	Lead	9.66		mg/kg dry	0.906	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.81	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Dec-06	18-Dec-06	6121428	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Dec-06	20-Dec-06	6121487	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.244		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	"	20-Dec-06	6121489	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	20-Dec-06	6121487	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	76.3		%		1	SM2540 G Mod.	18-Dec-06	18-Dec-06	6121403	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-2 4'-8' SA55591-03	171-305	Soil	13-Dec-06 00:00	14-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	14-Dec-06	14-Dec-06	6121150	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	8.8	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
67-64-1	Acetone	BRL		µg/kg dry	177	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.8	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.8	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	17.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	88.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	44.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	17.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.8	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	17.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	17.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.8	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	17.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	88.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	88.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	88.4	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-2 4'-8' SA55591-03	171-305	Soil	13-Dec-06 00:00	14-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	8.8	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.8	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.8	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.8	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	17.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.8	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	88.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.8	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.8	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.8	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.8	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	88.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	177	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	19.9	1	+CT ETPH	18-Dec-06	20-Dec-06	6121304	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	19.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	19.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	19.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	19.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	19.9	1	"	"	"	"	"
	Unidentified	39.2		mg/kg dry	19.9	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	19.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	39.2		mg/kg dry	19.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	39.2		mg/kg dry	19.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*103*		*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
646-2 4'-8' SA55591-03	171-305	Soil	13-Dec-06 00:00	14-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	6.56	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.56	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.56	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.56	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.56	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.8	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.56	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.56	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.56	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.56	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.56	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.56	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.56	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.56	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.56	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.56	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.56	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.56	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.8	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.56	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.56	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.56	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*74.4*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*131*		*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	18-Dec-06	19-Dec-06	6121307	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)*	*65.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*94.7*		*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	247	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	247	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	247	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	247	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	247	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	247	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	247	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-2 4'-8' SA55591-03	171-305	Soil	13-Dec-06 00:00	14-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	247	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	247	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	247	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	247	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	247	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	247	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	247	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	247	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	247	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	247	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	247	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	247	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	247	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	247	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	247	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	247	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	247	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	247	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	247	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	247	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	247	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	247	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	247	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	247	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	247	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	247	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	247	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	247	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	247	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	247	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	247	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	247	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	247	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	247	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	247	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	247	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	247	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	247	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	247	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	247	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	247	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	247	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	247	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	247	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	247	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	247	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	247	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	247	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	247	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	247	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
646-2 4'-8' SA55591-03	171-305	Soil	13-Dec-06 00:00	14-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	247	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	990	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	247	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	247	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	990	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	247	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	247	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	247	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	247	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	247	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	247	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	247	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	247	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	247	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	247	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	247	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*92.2*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*79.6*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*73.4*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*59.0*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*93.2*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*99.2*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0415	1	SW846 7471A	19-Dec-06	20-Dec-06	6121171	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	2.91		mg/kg dry	1.32	1	EPA 200.7	19-Dec-06	20-Dec-06	6121170	LR
7440-38-2	Arsenic	3.56		mg/kg dry	1.98	1	"	"	"	"	"
7440-39-3	Barium	181		mg/kg dry	0.660	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.330	1	"	"	"	"	"
7440-47-3	Chromium	31.5		mg/kg dry	0.660	1	"	"	"	"	"
7439-92-1	Lead	11.1		mg/kg dry	0.989	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	18-Dec-06	18-Dec-06	6121428	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Dec-06	20-Dec-06	6121487	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	1.37		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	"	20-Dec-06	6121489	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	20-Dec-06	6121487	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	71.0		%		1	SM2540 G Mod.	18-Dec-06	18-Dec-06	6121403	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-3 2'-4' SA55591-04	171-305	Soil	13-Dec-06 00:00	14-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	14-Dec-06	14-Dec-06	6121150	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	8.4	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
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	83.8	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	41.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	16.8	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	16.8	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	16.8	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	16.8	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	83.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	83.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	83.8	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-3 2'-4' SA55591-04	171-305	Soil	13-Dec-06 00:00	14-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	19-Dec-06	20-Dec-06	6121483	RLJ
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	83.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.4	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.4	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.4	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.4	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	83.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	168	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*111*		*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	18.9	1	+CT ETPH	18-Dec-06	20-Dec-06	6121304	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	18.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	18.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	18.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	18.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	18.9	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	18.9	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	18.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	18.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	18.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*58.6*		*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
646-3 2'-4' SA55591-04	171-305	Soil	13-Dec-06 00:00	14-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	7.25	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
319-84-6	a-BHC	BRL		µg/kg dry	7.25	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	7.25	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.25	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.25	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	36.2	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	7.25	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	7.25	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	7.25	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.25	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.25	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.25	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.25	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.25	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.25	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.25	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.25	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	36.2	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.25	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.25	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.25	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*76.6*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*103*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	14.5	1	SW846 8082	18-Dec-06	19-Dec-06	6121307	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	14.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	14.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	14.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	14.5	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	14.5	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	14.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	14.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	14.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*59.9*		*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	358	1	SW846 8270C	18-Dec-06	20-Dec-06	6121306	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	358	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	358	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	358	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	358	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	358	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	358	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-3 2'-4' SA55591-04	171-305	Soil	13-Dec-06 00:00	14-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	358	1	SW846 8270C	18-Dec-06	20-Dec-06	6121306	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	358	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	358	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	358	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	358	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	358	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	358	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	358	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	358	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	358	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	358	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	358	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	358	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	358	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	358	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	358	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	358	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	358	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	358	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	358	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	358	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	358	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	358	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	358	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	358	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	358	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	358	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	358	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	358	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	358	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	358	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	358	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	358	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	358	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	358	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	358	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	358	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	358	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	358	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	358	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	358	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	358	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	358	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	358	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	358	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	358	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
646-3 2'-4' SA55591-04	171-305	Soil	13-Dec-06 00:00	14-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	358	1	SW846 8270C	18-Dec-06	20-Dec-06	6121306	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1430	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	358	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	358	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1430	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	358	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	358	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	358	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	358	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	358	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	358	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	358	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	358	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	358	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	358	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	358	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*91.1*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*84.1*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*75.1*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*60.9*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*98.5*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*93.5*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0410	1	SW846 7471A	19-Dec-06	20-Dec-06	6121171	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	2.67		mg/kg dry	1.37	1	EPA 200.7	19-Dec-06	20-Dec-06	6121170	LR
7440-38-2	Arsenic	3.74		mg/kg dry	2.05	1	"	"	"	"	"
7440-39-3	Barium	172		mg/kg dry	0.683	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.342	1	"	"	"	"	"
7440-47-3	Chromium	30.3		mg/kg dry	0.683	1	"	"	"	"	"
7439-92-1	Lead	8.26		mg/kg dry	1.03	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	2.05	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Dec-06	18-Dec-06	6121428	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Dec-06	20-Dec-06	6121487	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	2.28		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	"	20-Dec-06	6121489	YP
7439-92-1	Lead	0.0246		mg/l	0.0075	1	SW846 1312/6010B	"	20-Dec-06	6121487	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	72.4		%		1	SM2540 G Mod.	18-Dec-06	18-Dec-06	6121403	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-4 2'-4'	171-305	Soil	13-Dec-06 00:00	14-Dec-06
SA55591-05				

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	14-Dec-06	14-Dec-06	6121150	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	8.2	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
67-64-1	Acetone	BRL		µg/kg dry	163	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	16.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	81.7	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	16.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	16.3	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	16.3	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	16.3	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	81.7	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	1,870	E	µg/kg dry	8.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	81.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	81.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-4 2'-4' SA55591-05	171-305	Soil	13-Dec-06 00:00	14-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	8.2	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
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	BRL		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	16.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	81.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	500	E	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	532		µg/kg dry	81.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	163	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*111*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	"
Volatile Organic Compounds									SA55591-05RE1		
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	161	100	SW 846 8260B	18-Dec-06	21-Dec-06	6121681	jro
67-64-1	Acetone	BRL		µg/kg dry	3220	100	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	161	100	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	161	100	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	161	100	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	161	100	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	161	100	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	161	100	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	322	100	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	1610	100	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	161	100	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	161	100	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	161	100	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	804	100	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	161	100	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	161	100	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-4 2'-4' SA55591-05	171-305	Soil	13-Dec-06 00:00	14-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds									SA55591-05RE1		
Prepared by method SW846 5030 Soil (high level)											
75-00-3	Chloroethane	BRL		µg/kg dry	322	100	SW 846 8260B	18-Dec-06	21-Dec-06	6121681	jro
67-66-3	Chloroform	BRL		µg/kg dry	161	100	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	322	100	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	161	100	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	161	100	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	322	100	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	161	100	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	161	100	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	161	100	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	161	100	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	161	100	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	161	100	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	322	100	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	161	100	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	161	100	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	161	100	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	161	100	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	161	100	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	161	100	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	161	100	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	161	100	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	161	100	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	161	100	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	161	100	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	161	100	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	161	100	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	1610	100	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	161	100	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	161	100	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	1,780		µg/kg dry	161	100	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	1610	100	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	1610	100	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	161	100	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg dry	161	100	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	161	100	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	161	100	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	161	100	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	161	100	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	161	100	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	161	100	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	161	100	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	161	100	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	161	100	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	161	100	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	161	100	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	161	100	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	161	100	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	161	100	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	161	100	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	322	100	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-4 2'-4' SA55591-05	171-305	Soil	13-Dec-06 00:00	14-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds									SA55591-05RE1		
Prepared by method SW846 5030 Soil (high level)											
95-47-6	o-Xylene	BRL		µg/kg dry	161	100	SW 846 8260B	18-Dec-06	21-Dec-06	6121681	jro
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	1610	100	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	161	100	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	643		µg/kg dry	161	100	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	161	100	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	161	100	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	1610	100	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	3220	100	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*94.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*93.0*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	18.4	1	+CT ETPH	18-Dec-06	20-Dec-06	6121304	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	18.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	18.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	18.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	18.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	18.4	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	18.4	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	18.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	18.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	18.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*85.2*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.26	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.26	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.26	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.26	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.26	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	31.3	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.26	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.26	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.26	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.26	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.26	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.26	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.26	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.26	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.26	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.26	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.26	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.26	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-4 2'-4' SA55591-05	171-305	Soil	13-Dec-06 00:00	14-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											
8001-35-2	Toxaphene	BRL		µg/kg dry	31.3	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.26	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.26	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.26	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*72.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*92.8*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.5	1	SW846 8082	18-Dec-06	19-Dec-06	6121307	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	12.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.5	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.5	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95.2*		*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	228	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	228	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	228	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	228	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	228	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	228	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	228	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	228	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	228	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	228	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	228	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	228	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	228	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	228	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	228	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	228	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	228	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	228	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	228	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	228	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	228	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	228	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	228	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	228	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	228	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-4 2'-4' SA55591-05	171-305	Soil	13-Dec-06 00:00	14-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											
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	228	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
218-01-9	Chrysene	BRL		µg/kg dry	228	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	228	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	228	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	228	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	228	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	228	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	228	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	228	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	228	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	228	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	228	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	228	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	228	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	228	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	228	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	228	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	228	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	228	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	228	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	228	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	228	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	228	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	228	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	228	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	228	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	228	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	228	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	228	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	228	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	228	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	228	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	228	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	912	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	228	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	228	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	912	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	228	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	228	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	228	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	228	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	228	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	228	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	228	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	228	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	228	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	228	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	228	1	"	"	"	"	"

Surrogate recoveries:

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
646-4 2'-4' SA55591-05	171-305	Soil	13-Dec-06 00:00	14-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											
321-60-8	*2-Fluorobiphenyl*	*95.9*		*30-130 %*			SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
367-12-4	*2-Fluorophenol*	*83.9*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*77.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*65.2*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*101*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*103*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0390	1	SW846 7471A	19-Dec-06	20-Dec-06	6121171	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	4.32		mg/kg dry	1.26	1	EPA 200.7	19-Dec-06	20-Dec-06	6121170	LR
7440-38-2	Arsenic	3.68		mg/kg dry	1.89	1	"	"	"	"	"
7440-39-3	Barium	247		mg/kg dry	0.628	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.314	1	"	"	"	"	"
7440-47-3	Chromium	42.3		mg/kg dry	0.628	1	"	"	"	"	"
7439-92-1	Lead	12.1		mg/kg dry	0.943	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	18-Dec-06	18-Dec-06	6121428	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Dec-06	20-Dec-06	6121487	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	2.02		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0052		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	20-Dec-06	6121489	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	20-Dec-06	6121487	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	75.4		%		1	SM2540 G Mod.	18-Dec-06	18-Dec-06	6121403	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-4 4'-8' SA55591-06	171-305	Soil	13-Dec-06 00:00	14-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	14-Dec-06	14-Dec-06	6121150	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	9.3	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
67-64-1	Acetone	BRL		µg/kg dry	187	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	9.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	9.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	18.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	93.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	46.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	9.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	18.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	9.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	18.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	18.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	9.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	18.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	93.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	203		µg/kg dry	9.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	93.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	93.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-4 4'-8' SA55591-06	171-305	Soil	13-Dec-06 00:00	14-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	9.3	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	9.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	9.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	18.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	93.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	9.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	62.3		µg/kg dry	9.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	9.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	93.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	187	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*112*		*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	20.9	1	+CT ETPH	18-Dec-06	20-Dec-06	6121304	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	20.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	20.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	20.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	20.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	20.9	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	20.9	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	20.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	20.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	20.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*80.2*		*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
646-4 4'-8' SA55591-06	171-305	Soil	13-Dec-06 00:00	14-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	7.32	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
319-84-6	a-BHC	BRL		µg/kg dry	7.32	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	7.32	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.32	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.32	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	36.6	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	7.32	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	7.32	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	7.32	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.32	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.32	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.32	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.32	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.32	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.32	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.32	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.32	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	36.6	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.32	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.32	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.32	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90.4*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*109*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	14.6	1	SW846 8082	18-Dec-06	19-Dec-06	6121307	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	14.6	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	14.6	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	14.6	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	14.6	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	14.6	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	14.6	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	14.6	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	14.6	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*		*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	259	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	259	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	259	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	259	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	259	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	259	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	259	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-4 4'-8' SA55591-06	171-305	Soil	13-Dec-06 00:00	14-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	259	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	259	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	259	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	259	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	259	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	259	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	259	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	259	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	259	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	259	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	259	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	259	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	259	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	259	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	259	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	259	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	259	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	259	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	259	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	259	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	259	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	259	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	259	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	259	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	259	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	259	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	259	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	259	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	259	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	259	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	259	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	259	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	259	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	259	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	259	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	259	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	259	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	259	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	259	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	259	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	259	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	259	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	259	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	259	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	259	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	259	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	259	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	259	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	259	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	259	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-4 4'-8' SA55591-06	171-305	Soil	13-Dec-06 00:00	14-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	259	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1040	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	259	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	259	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1040	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	259	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	259	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	259	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	259	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	259	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	259	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	259	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	259	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	259	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	259	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	259	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*90.1*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*79.8*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*74.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*64.5*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*93.7*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*101*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0416	1	SW846 7471A	19-Dec-06	20-Dec-06	6121171	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	3.26		mg/kg dry	1.38	1	EPA 200.7	19-Dec-06	20-Dec-06	6121170	LR
7440-38-2	Arsenic	3.65		mg/kg dry	2.07	1	"	"	"	"	"
7440-39-3	Barium	218		mg/kg dry	0.690	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.345	1	"	"	"	"	"
7440-47-3	Chromium	38.4		mg/kg dry	0.690	1	"	"	"	"	"
7439-92-1	Lead	11.6		mg/kg dry	1.03	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	2.07	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Dec-06	18-Dec-06	6121428	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Dec-06	20-Dec-06	6121487	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	2.10		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	"	20-Dec-06	6121489	YP
7439-92-1	Lead	0.0156		mg/l	0.0075	1	SW846 1312/6010B	"	20-Dec-06	6121487	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	69.9		%		1	SM2540 G Mod.	18-Dec-06	18-Dec-06	6121403	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-5 2'-4' SA55591-07	171-305	Soil	13-Dec-06 00:00	14-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	14-Dec-06	14-Dec-06	6121150	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	5.9	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
67-64-1	Acetone	BRL		µg/kg dry	117	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.9	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.9	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	58.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	29.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.9	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.9	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	58.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	58.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	58.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-5 2'-4' SA55591-07	171-305	Soil	13-Dec-06 00:00	14-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	5.9	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.9	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	58.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	58.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	117	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*130*		*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	17.8	1	+CT ETPH	18-Dec-06	20-Dec-06	6121304	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	17.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	17.8	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	17.8	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	17.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*74.9*		*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
646-5 2'-4' SA55591-07	171-305	Soil	13-Dec-06 00:00	14-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	5.45	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
319-84-6	a-BHC	BRL		µg/kg dry	5.45	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	5.45	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.45	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.45	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	27.3	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.45	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.45	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.45	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.45	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.45	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.45	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.45	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.45	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.45	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.45	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.45	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.45	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	27.3	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.45	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.45	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.45	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*79.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*101*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	10.9	1	SW846 8082	18-Dec-06	19-Dec-06	6121307	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	10.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	10.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	10.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	10.9	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	10.9	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	10.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	10.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	10.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*		*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	220	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	220	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	220	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	220	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	220	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	220	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	220	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-5 2'-4' SA55591-07	171-305	Soil	13-Dec-06 00:00	14-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	220	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	220	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	220	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	220	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	220	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	220	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	220	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	220	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	220	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	220	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	220	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	220	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	220	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	220	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	220	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	220	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	220	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	220	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	220	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	220	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	220	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	220	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	220	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	220	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	220	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	220	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	220	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	220	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	220	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	220	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	220	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	220	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	220	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	220	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	220	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	220	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	220	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	220	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	220	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	220	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	220	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	220	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	220	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	220	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	220	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	220	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	220	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	220	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	220	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	220	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
646-5 2'-4' SA55591-07	171-305	Soil	13-Dec-06 00:00	14-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	220	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	881	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	220	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	220	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	881	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	220	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	220	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	220	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	220	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	220	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	220	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	220	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	220	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	220	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	220	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	220	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*93.7*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*84.7*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*75.3*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*63.6*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*94.2*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*101*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0317	1	SW846 7471A	19-Dec-06	20-Dec-06	6121171	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.02	1	EPA 200.7	19-Dec-06	20-Dec-06	6121170	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.53	1	"	"	"	"	"
7440-39-3	Barium	63.9		mg/kg dry	0.510	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.255	1	"	"	"	"	"
7440-47-3	Chromium	10.4		mg/kg dry	0.510	1	"	"	"	"	"
7439-92-1	Lead	8.67		mg/kg dry	0.765	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.53	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Dec-06	18-Dec-06	6121428	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Dec-06	20-Dec-06	6121487	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	1.81		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0056		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	20-Dec-06	6121489	YP
7439-92-1	Lead	0.0168		mg/l	0.0075	1	SW846 1312/6010B	"	20-Dec-06	6121487	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	92.2		%		1	SM2540 G Mod.	18-Dec-06	18-Dec-06	6121403	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-5 8'-12' SA55591-08	171-305	Soil	13-Dec-06 00:00	14-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	14-Dec-06	14-Dec-06	6121150	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	11.9	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
67-64-1	Acetone	BRL		µg/kg dry	238	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	11.9	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	11.9	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	11.9	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	11.9	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	23.8	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	119	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	59.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	11.9	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	23.8	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	11.9	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	23.8	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	23.8	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	11.9	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	11.9	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	11.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	23.8	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	11.9	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	11.9	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	11.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	11.9	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	11.9	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	119	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	11.9	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	119	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	119	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-5 8'-12' SA55591-08	171-305	Soil	13-Dec-06 00:00	14-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	11.9	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	11.9	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	11.9	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	11.9	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	11.9	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	11.9	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	11.9	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	11.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	23.8	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	11.9	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	119	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	11.9	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	11.9	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	11.9	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	11.9	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	119	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	238	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	26.1	1	+CT ETPH	18-Dec-06	20-Dec-06	6121304	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	26.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	26.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	26.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	26.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	26.1	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	26.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	26.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	26.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	26.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*73.3*		*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
646-5 8'-12'	171-305	Soil	13-Dec-06 00:00	14-Dec-06
SA55591-08				

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	7.31	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
319-84-6	a-BHC	BRL		µg/kg dry	7.31	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	7.31	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.31	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.31	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	36.5	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	7.31	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	7.31	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	7.31	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.31	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.31	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.31	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.31	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.31	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.31	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.31	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.31	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	36.5	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.31	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.31	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.31	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*73.3*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*93.2*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	14.6	1	SW846 8082	18-Dec-06	19-Dec-06	6121307	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	14.6	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	14.6	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	14.6	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	14.6	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	14.6	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	14.6	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	14.6	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	14.6	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95.2*		*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	323	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	323	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	323	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	323	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	323	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	323	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	323	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-5 8'-12' SA55591-08	171-305	Soil	13-Dec-06 00:00	14-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	323	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	323	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	323	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	323	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	323	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	323	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	323	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	323	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	323	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	323	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	323	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	323	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	323	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	323	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	323	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	323	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	323	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	323	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	323	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	323	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	323	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	323	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	323	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	323	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	323	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	323	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	323	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	323	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	323	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	323	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	323	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	323	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	323	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	323	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	323	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	323	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	323	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	323	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	323	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	323	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	323	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	323	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	323	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	323	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	323	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	323	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	323	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	323	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	323	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	323	1	"	"	"	"	"

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
646-5 8'-12' SA55591-08	171-305	Soil	13-Dec-06 00:00	14-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	323	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1290	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	323	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	323	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1290	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	323	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	323	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	323	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	323	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	323	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	323	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	323	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	323	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	323	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	323	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	323	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*91.7*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*87.7*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*77.2*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*69.5*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*90.5*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*106*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0457	1	SW846 7471A	19-Dec-06	20-Dec-06	6121171	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	3.98		mg/kg dry	1.37	1	EPA 200.7	19-Dec-06	20-Dec-06	6121170	LR
7440-38-2	Arsenic	3.88		mg/kg dry	2.05	1	"	"	"	"	"
7440-39-3	Barium	269		mg/kg dry	0.683	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.342	1	"	"	"	"	"
7440-47-3	Chromium	43.9		mg/kg dry	0.683	1	"	"	"	"	"
7439-92-1	Lead	13.1		mg/kg dry	1.02	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	2.05	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Dec-06	18-Dec-06	6121428	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Dec-06	20-Dec-06	6121487	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	1.13		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	"	20-Dec-06	6121489	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	20-Dec-06	6121487	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	64.5		%		1	SM2540 G Mod.	18-Dec-06	18-Dec-06	6121403	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-6 2'-4' SA55591-09	171-305	Soil	13-Dec-06 00:00	14-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	14-Dec-06	14-Dec-06	6121150	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	6.1	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
67-64-1	Acetone	BRL		µg/kg dry	122	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.1	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.1	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	60.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	30.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.1	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.1	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	60.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	60.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	60.9	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-6 2'-4' SA55591-09	171-305	Soil	13-Dec-06 00:00	14-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	6.1	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.1	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.1	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	60.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	60.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	122	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*105*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*111*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*110*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	17.1	1	+CT ETPH	18-Dec-06	20-Dec-06	6121304	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	17.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	17.1	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	17.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	17.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*82.2*		*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
646-6 2'-4' SA55591-09	171-305	Soil	13-Dec-06 00:00	14-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	5.62	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
319-84-6	a-BHC	BRL		µg/kg dry	5.62	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	5.62	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.62	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.62	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	28.1	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.62	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.62	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.62	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.62	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.62	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.62	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.62	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.62	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.62	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.62	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.62	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.62	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	28.1	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.62	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.62	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.62	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*62.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*123*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.2	1	SW846 8082	18-Dec-06	19-Dec-06	6121307	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	11.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.2	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.2	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	11.2	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50.2*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*85.3*		*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	212	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	212	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	212	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	212	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	212	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	212	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	212	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-6 2'-4'	171-305	Soil	13-Dec-06 00:00	14-Dec-06
SA55591-09				

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	212	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	212	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	212	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	212	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	212	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	212	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	212	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	212	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	212	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	212	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	212	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	212	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	212	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	212	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	212	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	212	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	212	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	212	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	212	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	212	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	212	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	212	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	212	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	212	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	212	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	212	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	212	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	212	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	212	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	212	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	212	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	212	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	212	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	212	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	212	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	212	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	212	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	212	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	212	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	212	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	212	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	212	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	212	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	212	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	212	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	212	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	212	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	212	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	212	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	212	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
646-6 2'-4' SA55591-09	171-305	Soil	13-Dec-06 00:00	14-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	212	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	849	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	212	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	212	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	849	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	212	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	212	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	212	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	212	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	212	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	212	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	212	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	212	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	212	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	212	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	212	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*81.1*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*101*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*72.3*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*84.6*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*90.4*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*74.1*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0341	1	SW846 7471A	19-Dec-06	20-Dec-06	6121171	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.00	1	EPA 200.7	19-Dec-06	20-Dec-06	6121170	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.50	1	"	"	"	"	"
7440-39-3	Barium	21.5		mg/kg dry	0.501	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.250	1	"	"	"	"	"
7440-47-3	Chromium	4.16		mg/kg dry	0.501	1	"	"	"	"	"
7439-92-1	Lead	2.49		mg/kg dry	0.751	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.50	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Dec-06	18-Dec-06	6121428	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Dec-06	20-Dec-06	6121487	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.612		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	"	20-Dec-06	6121489	YP
7439-92-1	Lead	0.0094		mg/l	0.0075	1	SW846 1312/6010B	"	20-Dec-06	6121487	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	87.5		%		1	SM2540 G Mod.	18-Dec-06	18-Dec-06	6121403	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-7 2'-4' SA55591-10	171-305	Soil	13-Dec-06 00:00	14-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	14-Dec-06	14-Dec-06	6121150	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	7.9	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
67-64-1	Acetone	BRL		µg/kg dry	159	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.9	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.9	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.9	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	79.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	39.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.9	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.9	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.9	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.9	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.9	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.9	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	79.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	79.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	79.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-7 2'-4' SA55591-10	171-305	Soil	13-Dec-06 00:00	14-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	7.9	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.9	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.9	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	79.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	79.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	159	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*129*		*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	17.4	1	+CT ETPH	18-Dec-06	20-Dec-06	6121304	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	17.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	17.4	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	17.4	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	17.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*54.1*		*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
646-7 2'-4' SA55591-10	171-305	Soil	13-Dec-06 00:00	14-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	6.02	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.02	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.02	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.02	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.02	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.1	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.02	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.02	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.02	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.02	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.02	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.02	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.02	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.02	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.02	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.02	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.02	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.02	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.1	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.02	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.02	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.02	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75.5*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*102*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.0	1	SW846 8082	18-Dec-06	19-Dec-06	6121307	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	12.0	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.0	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.0	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.0	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.0	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.0	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.0	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95.0*		*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	215	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	215	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	215	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	215	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	215	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	215	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	215	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-7 2'-4' SA55591-10	171-305	Soil	13-Dec-06 00:00	14-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	215	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	215	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	215	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	215	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	215	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	215	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	215	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	215	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	215	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	215	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	215	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	215	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	215	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	215	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	215	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	215	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	215	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	215	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	215	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	215	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	215	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	215	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	215	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	215	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	215	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	215	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	215	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	215	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	215	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	215	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	215	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	215	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	215	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	215	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	215	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	215	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	215	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	215	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	215	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	215	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	215	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	215	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	215	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	215	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	215	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	215	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	215	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	215	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	215	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	215	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
646-7 2'-4'	171-305	Soil	13-Dec-06 00:00	14-Dec-06
SA55591-10				

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	215	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	862	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	215	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	215	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	862	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	215	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	215	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	215	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	215	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	215	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	215	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	215	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	215	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	215	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	215	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	215	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*85.3*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*71.5*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*67.8*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*47.1*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*96.6*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*94.0*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0384	1	SW846 7471A	19-Dec-06	20-Dec-06	6121171	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	3.85		mg/kg dry	1.26	1	EPA 200.7	19-Dec-06	20-Dec-06	6121170	LR
7440-38-2	Arsenic	3.26		mg/kg dry	1.89	1	"	"	"	"	"
7440-39-3	Barium	216		mg/kg dry	0.628	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.314	1	"	"	"	"	"
7440-47-3	Chromium	36.8		mg/kg dry	0.628	1	"	"	"	"	"
7439-92-1	Lead	10.7		mg/kg dry	0.943	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	18-Dec-06	18-Dec-06	6121428	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Dec-06	20-Dec-06	6121487	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.101		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0097		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	20-Dec-06	6121489	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	20-Dec-06	6121487	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	76.9		%		1	SM2540 G Mod.	18-Dec-06	18-Dec-06	6121403	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-8 4'-8' SA55591-11	171-305	Soil	13-Dec-06 00:00	14-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	14-Dec-06	14-Dec-06	6121150	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	8.9	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
67-64-1	Acetone	BRL		µg/kg dry	178	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.9	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.9	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	17.8	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	89.1	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	44.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.9	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	17.8	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.9	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	17.8	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	17.8	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.9	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	17.8	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	89.1	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.9	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	89.1	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	89.1	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
646-8 4'-8' SA55591-11	171-305	Soil	13-Dec-06 00:00	14-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	8.9	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.9	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	17.8	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	89.1	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.9	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.9	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.9	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.9	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	89.1	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	178	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	19.8	1	+CT ETPH	18-Dec-06	20-Dec-06	6121304	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	19.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	19.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	19.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	19.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	19.8	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	19.8	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	19.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	19.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	19.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*80.3*		*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
646-8 4'-8' SA55591-11	171-305	Soil	13-Dec-06 00:00	14-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	7.03	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
319-84-6	a-BHC	BRL		µg/kg dry	7.03	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	7.03	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.03	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.03	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	35.1	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	7.03	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	7.03	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	7.03	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.03	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.03	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.03	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.03	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.03	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.03	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.03	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.03	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	35.1	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.03	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.03	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.03	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*69.2*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*102*		*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	18-Dec-06	19-Dec-06	6121307	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)*	*65.2*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95.0*		*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	238	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	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
646-8 4'-8' SA55591-11	171-305	Soil	13-Dec-06 00:00	14-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	238	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	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	"	"	"	"	"

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
646-8 4'-8' SA55591-11	171-305	Soil	13-Dec-06 00:00	14-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	238	1	SW846 8270C	18-Dec-06	19-Dec-06	6121306	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	951	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	951	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*	*91.5*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*83.8*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*75.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*65.0*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-d14*	*91.9*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*101*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0422	1	SW846 7471A	19-Dec-06	20-Dec-06	6121171	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	3.90		mg/kg dry	1.31	1	EPA 200.7	19-Dec-06	20-Dec-06	6121170	LR
7440-38-2	Arsenic	4.05		mg/kg dry	1.97	1	"	"	"	"	"
7440-39-3	Barium	242		mg/kg dry	0.656	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.328	1	"	"	"	"	"
7440-47-3	Chromium	40.9		mg/kg dry	0.656	1	"	"	"	"	"
7439-92-1	Lead	11.7		mg/kg dry	0.984	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.97	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Dec-06	18-Dec-06	6121428	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Dec-06	20-Dec-06	6121487	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0525		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	"	20-Dec-06	6121489	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	20-Dec-06	6121487	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	70.6		%		1	SM2540 G Mod.	18-Dec-06	18-Dec-06	6121403	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-9 2'-4'	171-305	Soil	13-Dec-06 00:00	14-Dec-06
SA55591-12				

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	14-Dec-06	14-Dec-06	6121150	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	7.2	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
67-64-1	Acetone	BRL		µg/kg dry	144	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	14.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	71.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	35.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	14.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	14.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	71.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	71.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	71.9	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-9 2'-4' SA55591-12	171-305	Soil	13-Dec-06 00:00	14-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	7.2	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	14.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	71.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	71.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	144	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*105*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*123*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*110*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	22.4	1	+CT ETPH	18-Dec-06	20-Dec-06	6121304	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	22.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	22.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	22.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	22.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	22.4	1	"	"	"	"	"
	Unidentified	91.1		mg/kg dry	22.4	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	22.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	91.1		mg/kg dry	22.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	91.1		mg/kg dry	22.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*98.2*		*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
646-9 2'-4' SA55591-12	171-305	Soil	13-Dec-06 00:00	14-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	6.52	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.52	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.52	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.52	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.52	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.6	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.52	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.52	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.52	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.52	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.52	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.52	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.52	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.52	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.52	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.52	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.52	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.52	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.6	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.52	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.52	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.52	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*71.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*93.8*		*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	18-Dec-06	19-Dec-06	6121307	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)*	*50.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95.4*		*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	278	1	SW846 8270C	18-Dec-06	20-Dec-06	6121306	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	278	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	278	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	278	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	278	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	278	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	278	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-9 2'-4' SA55591-12	171-305	Soil	13-Dec-06 00:00	14-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	278	1	SW846 8270C	18-Dec-06	20-Dec-06	6121306	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	278	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	278	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	278	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	278	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	278	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	278	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	278	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	278	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	278	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	278	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	278	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	278	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	278	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	278	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	278	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	278	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	278	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	278	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	278	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	278	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	278	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	278	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	278	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	278	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	278	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	278	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	278	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	278	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	278	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	278	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	278	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	278	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	278	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	278	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	278	1	"	"	"	"	"
206-44-0	Fluoranthene	296		µg/kg dry	278	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	278	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	278	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	278	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	278	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	278	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	278	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	278	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	278	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	278	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	278	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	278	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	278	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	278	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
646-9 2'-4'	171-305	Soil	13-Dec-06 00:00	14-Dec-06
SA55591-12				

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	278	1	SW846 8270C	18-Dec-06	20-Dec-06	6121306	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1110	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	278	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	278	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1110	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	278	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	278	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	278	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	278	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	278	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	278	1	"	"	"	"	"
129-00-0	Pyrene	327		µg/kg dry	278	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	278	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	278	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	278	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	278	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*95.9*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*73.1*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*73.3*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56.0*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*105*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*101*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0820		mg/kg dry	0.0351	1	SW846 7471A	19-Dec-06	20-Dec-06	6121171	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.10	1	EPA 200.7	19-Dec-06	20-Dec-06	6121170	LR
7440-38-2	Arsenic	1.99		mg/kg dry	1.65	1	"	"	"	"	"
7440-39-3	Barium	102		mg/kg dry	0.551	1	"	"	"	"	"
7440-43-9	Cadmium	0.815		mg/kg dry	0.275	1	"	"	"	"	"
7440-47-3	Chromium	14.6		mg/kg dry	0.551	1	"	"	"	"	"
7439-92-1	Lead	101		mg/kg dry	0.826	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.65	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Dec-06	18-Dec-06	6121428	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Dec-06	20-Dec-06	6121487	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0550		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	"	20-Dec-06	6121489	YP
7439-92-1	Lead	0.0176		mg/l	0.0075	1	SW846 1312/6010B	"	20-Dec-06	6121487	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	83.4		%		1	SM2540 G Mod.	18-Dec-06	18-Dec-06	6121403	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-9 4'-8' SA55591-13	171-305	Soil	13-Dec-06 00:00	14-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	14-Dec-06	14-Dec-06	6121150	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	7.7	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
67-64-1	Acetone	BRL		µg/kg dry	155	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	77.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	38.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	77.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	77.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	77.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-9 4'-8' SA55591-13	171-305	Soil	13-Dec-06 00:00	14-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	7.7	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	77.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	77.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	155	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95.0*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*116*		*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	23.7	1	+CT ETPH	18-Dec-06	20-Dec-06	6121304	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	23.7	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	23.7	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	23.7	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	23.7	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	23.7	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	23.7	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	23.7	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	23.7	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	23.7	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*73.4*		*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
646-9 4'-8' SA55591-13	171-305	Soil	13-Dec-06 00:00	14-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	7.42	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
319-84-6	a-BHC	BRL		µg/kg dry	7.42	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	7.42	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.42	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.42	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	37.1	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	7.42	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	7.42	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	7.42	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.42	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.42	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.42	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.42	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.42	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.42	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.42	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.42	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	37.1	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.42	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.42	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.42	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*69.6*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	14.8	1	SW846 8082	18-Dec-06	19-Dec-06	6121351	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	14.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	14.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	14.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	14.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	14.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	14.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	14.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	14.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*50.1*		*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	294	1	SW846 8270C	18-Dec-06	20-Dec-06	6121306	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	294	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	294	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	294	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	294	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	294	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	294	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-9 4'-8'	171-305	Soil	13-Dec-06 00:00	14-Dec-06
SA55591-13				

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	294	1	SW846 8270C	18-Dec-06	20-Dec-06	6121306	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	294	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	294	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	294	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	294	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	294	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	294	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	294	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	294	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	294	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	294	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	294	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	294	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	294	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	294	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	294	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	294	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	294	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	294	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	294	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	294	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	294	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	294	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	294	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	294	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	294	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	294	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	294	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	294	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	294	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	294	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	294	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	294	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	294	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	294	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	294	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	294	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	294	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	294	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	294	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	294	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	294	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	294	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	294	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	294	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	294	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	294	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	294	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	294	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	294	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
646-9 4'-8'	171-305	Soil	13-Dec-06 00:00	14-Dec-06
SA55591-13				

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	294	1	SW846 8270C	18-Dec-06	20-Dec-06	6121306	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1170	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	294	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	294	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1170	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	294	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	294	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	294	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	294	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	294	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	294	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	294	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	294	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	294	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	294	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	294	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*93.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*84.7*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*73.9*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56.2*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*104*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*94.6*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0384	1	SW846 7471A	19-Dec-06	20-Dec-06	6121171	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.20	1	EPA 200.7	19-Dec-06	20-Dec-06	6121170	LR
7440-38-2	Arsenic	3.25		mg/kg dry	1.81	1	"	"	"	"	"
7440-39-3	Barium	208		mg/kg dry	0.602	1	"	"	"	"	"
7440-43-9	Cadmium	1.07		mg/kg dry	0.301	1	"	"	"	"	"
7440-47-3	Chromium	33.4		mg/kg dry	0.602	1	"	"	"	"	"
7439-92-1	Lead	65.1		mg/kg dry	0.904	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.81	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Dec-06	18-Dec-06	6121428	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Dec-06	20-Dec-06	6121487	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0422		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	"	20-Dec-06	6121489	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	20-Dec-06	6121487	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	76.7		%		1	SM2540 G Mod.	18-Dec-06	18-Dec-06	6121403	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-10 2'-4' SA55591-14	171-305	Soil	13-Dec-06 00:00	14-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	14-Dec-06	14-Dec-06	6121150	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	7.1	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
67-64-1	Acetone	BRL		µg/kg dry	141	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.1	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.1	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	14.1	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	70.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	35.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.1	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	14.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.1	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	14.1	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.1	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.1	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.1	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	70.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	70.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	70.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-10 2'-4' SA55591-14	171-305	Soil	13-Dec-06 00:00	14-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	7.1	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.1	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.1	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	14.1	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	70.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	70.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	141	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*110*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	20.4	1	+CT ETPH	18-Dec-06	20-Dec-06	6121304	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	20.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	20.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	20.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	20.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	20.4	1	"	"	"	"	"
	Unidentified	140		mg/kg dry	20.4	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	20.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	140		mg/kg dry	20.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	140		mg/kg dry	20.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*105*		*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
646-10 2'-4'	171-305	Soil	13-Dec-06 00:00	14-Dec-06
SA55591-14				

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 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.68	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.68	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.68	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.68	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.68	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	33.4	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.68	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.68	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.68	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.68	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.68	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.68	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.68	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.68	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.68	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.68	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.68	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.68	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	33.4	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.68	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.68	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.68	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*76.7*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*101*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.4	1	SW846 8082	18-Dec-06	19-Dec-06	6121351	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)*	*65.3*		*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	253	1	SW846 8270C	18-Dec-06	20-Dec-06	6121306	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	253	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	253	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	253	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	253	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	253	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	253	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-10 2'-4' SA55591-14	171-305	Soil	13-Dec-06 00:00	14-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	253	1	SW846 8270C	18-Dec-06	20-Dec-06	6121306	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	253	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	253	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	253	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	253	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	253	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	253	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	253	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	253	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	253	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	253	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	253	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	253	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	253	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	253	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	253	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	253	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	253	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	253	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	253	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	253	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	253	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	253	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	253	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	253	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	253	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	253	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	253	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	253	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	253	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	253	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	253	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	253	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	253	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	253	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	253	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	253	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	253	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	253	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	253	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	253	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	253	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	253	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	253	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	253	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	253	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	253	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	253	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	253	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	253	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
646-10 2'-4' SA55591-14	171-305	Soil	13-Dec-06 00:00	14-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	253	1	SW846 8270C	18-Dec-06	20-Dec-06	6121306	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1010	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	253	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	253	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1010	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	253	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	253	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	253	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	253	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	253	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	253	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	253	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	253	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	253	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	253	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	253	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*93.4*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*77.0*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*73.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*58.4*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*103*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*104*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0906		mg/kg dry	0.0367	1	SW846 7471A	19-Dec-06	20-Dec-06	6121171	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.19	1	EPA 200.7	19-Dec-06	20-Dec-06	6121170	LR
7440-38-2	Arsenic	2.94		mg/kg dry	1.78	1	"	"	"	"	"
7440-39-3	Barium	206		mg/kg dry	11.9	20	"	"	20-Dec-06	"	RM
7440-43-9	Cadmium	0.921		mg/kg dry	0.297	1	"	"	20-Dec-06	"	LR
7440-47-3	Chromium	29.1		mg/kg dry	0.594	1	"	"	"	"	"
7439-92-1	Lead	174		mg/kg dry	0.891	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.78	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Dec-06	18-Dec-06	6121428	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Dec-06	20-Dec-06	6121487	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	1.08		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	0.0038		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	"	20-Dec-06	6121489	YP
7439-92-1	Lead	0.0534		mg/l	0.0075	1	SW846 1312/6010B	"	20-Dec-06	6121487	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	81.5		%		1	SM2540 G Mod.	18-Dec-06	18-Dec-06	6121403	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-10 4'-8' SA55591-15	171-305	Soil	13-Dec-06 00:00	14-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	14-Dec-06	14-Dec-06	6121150	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	7.9	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
67-64-1	Acetone	BRL		µg/kg dry	159	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.9	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.9	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.9	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	79.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	39.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.9	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.9	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.9	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.9	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.9	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.9	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	79.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	79.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	79.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-10 4'-8' SA55591-15	171-305	Soil	13-Dec-06 00:00	14-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	7.9	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.9	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.9	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	79.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	79.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	159	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*126*		*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	19.9	1	+CT ETPH	18-Dec-06	20-Dec-06	6121304	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	19.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	19.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	19.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	19.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	19.9	1	"	"	"	"	"
	Unidentified	36.3		mg/kg dry	19.9	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	19.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	36.3		mg/kg dry	19.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	36.3		mg/kg dry	19.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*91.6*		*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
646-10 4'-8' SA55591-15	171-305	Soil	13-Dec-06 00:00	14-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	6.79	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.79	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.79	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.79	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.79	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	33.9	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.79	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.79	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.79	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.79	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.79	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.79	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.79	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.79	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.79	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.79	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.79	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.79	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	33.9	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.79	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.79	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.79	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*64.6*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*83.8*		*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	18-Dec-06	19-Dec-06	6121351	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)*	*59.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*79.4*		*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	247	1	SW846 8270C	19-Dec-06	20-Dec-06	6121440	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	247	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	247	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	247	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	247	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	247	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	247	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-10 4'-8' SA55591-15	171-305	Soil	13-Dec-06 00:00	14-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	247	1	SW846 8270C	19-Dec-06	20-Dec-06	6121440	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	247	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	247	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	247	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	247	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	247	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	247	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	247	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	247	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	247	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	247	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	247	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	247	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	247	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	247	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	247	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	247	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	247	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	247	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	247	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	247	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	247	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	247	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	247	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	247	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	247	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	247	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	247	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	247	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	247	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	247	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	247	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	247	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	247	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	247	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	247	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	247	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	247	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	247	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	247	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	247	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	247	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	247	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	247	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	247	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	247	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	247	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	247	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	247	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	247	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
646-10 4'-8' SA55591-15	171-305	Soil	13-Dec-06 00:00	14-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	247	1	SW846 8270C	19-Dec-06	20-Dec-06	6121440	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	987	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	247	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	247	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	987	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	247	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	247	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	247	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	247	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	247	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	247	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	247	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	247	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	247	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	247	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	247	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*71.9*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*63.5*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*59.4*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*69.5*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*81.5*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*65.5*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0383	1	SW846 7471A	19-Dec-06	20-Dec-06	6121171	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.73	1	EPA 200.7	19-Dec-06	20-Dec-06	6121170	RM
7440-38-2	Arsenic	2.56		mg/kg dry	1.82	1	"	"	"	"	"
7440-39-3	Barium	168		mg/kg dry	0.607	1	"	"	"	"	"
7440-43-9	Cadmium	1.01		mg/kg dry	0.303	1	"	"	"	"	"
7440-47-3	Chromium	30.8		mg/kg dry	0.607	1	"	"	"	"	"
7439-92-1	Lead	178		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	18-Dec-06	18-Dec-06	6121428	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	20-Dec-06	21-Dec-06	6121487	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	19-Dec-06	20-Dec-06	"	"
7440-39-3	Barium	0.0740		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0075		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	20-Dec-06	6121489	YP
7439-92-1	Lead	0.0156		mg/l	0.0075	1	SW846 1312/6010B	"	20-Dec-06	6121487	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	77.5		%		1	SM2540 G Mod.	18-Dec-06	18-Dec-06	6121403	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-11 2'-4' SA55591-16	171-305	Soil	13-Dec-06 00:00	14-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	14-Dec-06	14-Dec-06	6121150	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	6.8	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
67-64-1	Acetone	BRL		µg/kg dry	136	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.8	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.8	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	67.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	33.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.6	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.8	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.6	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.6	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.8	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.6	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	67.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	67.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	67.8	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-11 2'-4' SA55591-16	171-305	Soil	13-Dec-06 00:00	14-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	6.8	1	SW 846 8260B	19-Dec-06	20-Dec-06	6121483	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.8	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.8	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.6	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	67.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	67.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	136	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*110*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	21.5	1	+CT ETPH	18-Dec-06	20-Dec-06	6121304	JD
68476-30-2	Fuel Oil #2	Calculated as		mg/kg dry	21.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	21.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	21.5	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	21.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	21.5	1	"	"	"	"	"
	Unidentified	138		mg/kg dry	21.5	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	21.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	138		mg/kg dry	21.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	138		mg/kg dry	21.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*138*		*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
646-11 2'-4' SA55591-16	171-305	Soil	13-Dec-06 00:00	14-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	6.31	1	SW846 8081A	15-Dec-06	18-Dec-06	6121156	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.31	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.31	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.31	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.31	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	31.6	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.31	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.31	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.31	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.31	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.31	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.31	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.31	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.31	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.31	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.31	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.31	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.31	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	31.6	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.31	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.31	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.31	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*89.7*		*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	18-Dec-06	19-Dec-06	6121351	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)*	*65.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*		*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	267	1	SW846 8270C	19-Dec-06	20-Dec-06	6121440	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	267	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	267	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	267	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	267	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	267	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	267	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-11 2'-4' SA55591-16	171-305	Soil	13-Dec-06 00:00	14-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	267	1	SW846 8270C	19-Dec-06	20-Dec-06	6121440	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	267	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	267	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	267	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	267	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	267	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	267	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	267	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	267	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	267	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	267	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	267	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	267	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	267	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	267	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	267	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	267	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	267	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	267	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	267	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	267	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	267	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	267	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	267	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	267	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	267	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	267	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	267	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	267	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	267	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	267	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	267	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	267	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	267	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	267	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	267	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	267	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	267	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	267	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	267	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	267	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	267	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	267	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	267	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	267	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	267	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	267	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	267	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	267	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	267	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
646-11 2'-4' SA55591-16	171-305	Soil	13-Dec-06 00:00	14-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	267	1	SW846 8270C	19-Dec-06	20-Dec-06	6121440	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1070	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	267	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	267	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1070	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	267	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	267	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	267	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	267	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	267	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	267	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	267	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	267	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	267	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	267	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	267	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*76.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*64.7*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*59.1*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*44.2*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*87.0*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*82.9*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0357	1	SW846 7471A	19-Dec-06	20-Dec-06	6121171	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.15	1	EPA 200.7	19-Dec-06	20-Dec-06	6121170	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.72	1	"	"	"	"	"
7440-39-3	Barium	80.4		mg/kg dry	0.574	1	"	"	"	"	"
7440-43-9	Cadmium	0.546		mg/kg dry	0.287	1	"	"	"	"	"
7440-47-3	Chromium	13.4		mg/kg dry	0.574	1	"	"	"	"	"
7439-92-1	Lead	43.4		mg/kg dry	0.862	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.72	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Dec-06	18-Dec-06	6121428	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Dec-06	20-Dec-06	6121487	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0584		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0057		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	20-Dec-06	6121489	YP
7439-92-1	Lead	0.0230		mg/l	0.0075	1	SW846 1312/6010B	"	20-Dec-06	6121487	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
	SPLP Extraction	Completed		N/A		1	SW846 1312	20-Dec-06	20-Dec-06	6121654	BD
General Chemistry Parameters											
	% Solids	83.9		%		1	SM2540 G Mod.	18-Dec-06	18-Dec-06	6121403	BD

APPENDIX D
Groundwater Sample Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-1 SA55591-17	171-305	Ground Water	13-Dec-06 00:00	14-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	17-Dec-06	6121291	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	1.0		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
MW-1	171-305	Ground Water	13-Dec-06 00:00	14-Dec-06
SA55591-17				

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	17-Dec-06	6121291	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*	*98.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.6*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.6*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*94.4*		*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	18-Dec-06	19-Dec-06	6121301	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	1.0		mg/l	0.1	1	"	"	"	"	"
	Other Oil	Calculated as		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	1.0		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	1.0		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*115*		*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	18-Dec-06	19-Dec-06	6121300	TG

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-1 SA55591-17	171-305	Ground Water	13-Dec-06 00:00	14-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	0.013	1	SW846 8081A	18-Dec-06	19-Dec-06	6121300	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	R02	µg/l	0.003	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)*	*55.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*		*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	18-Dec-06	20-Dec-06	6121299	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)*	*44.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*85.0*		*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	18-Dec-06	20-Dec-06	6121294	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
MW-1	171-305	Ground Water	13-Dec-06 00:00	14-Dec-06
SA55591-17				

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	18-Dec-06	20-Dec-06	6121294	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	"	"	"	"	"

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
MW-1 SA55591-17	171-305	Ground Water	13-Dec-06 00:00	14-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											
98-95-3	Nitrobenzene	BRL		µg/l	12.5	1	SW846 8270C	18-Dec-06	20-Dec-06	6121294	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*	*84.8*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*96.8*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*96.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*92.0*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*84.8*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*78.1*		*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*	*103*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*79.8*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	19-Dec-06	20-Dec-06	6121166	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.111		mg/l	0.0050	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-1 SA55591-17	171-305	Ground Water	13-Dec-06 00:00	14-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	19-Dec-06	20-Dec-06	6121166	RM
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	19-Dec-06	20-Dec-06	6121167	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-2 SA55591-18	171-305	Ground Water	13-Dec-06 00:00	14-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	17-Dec-06	6121291	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	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-2 SA55591-18	171-305	Ground Water	13-Dec-06 00:00	14-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Anal
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	17-Dec-06	6121291	el
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*	*99.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.6*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*96.2*		*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	18-Dec-06	19-Dec-06	6121301	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*	*82.1*		*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	18-Dec-06	19-Dec-06	6121300	TG

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-2 SA55591-18	171-305	Ground Water	13-Dec-06 00:00	14-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	0.013	1	SW846 8081A	18-Dec-06	19-Dec-06	6121300	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	R02	µg/l	0.003	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)*	*77.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*124*		*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	18-Dec-06	20-Dec-06	6121299	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)*	*64.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*		*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	18-Dec-06	20-Dec-06	6121294	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
MW-2	171-305	Ground Water	13-Dec-06 00:00	14-Dec-06
SA55591-18				

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	18-Dec-06	20-Dec-06	6121294	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	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-2 SA55591-18	171-305	Ground Water	13-Dec-06 00:00	14-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											
98-95-3	Nitrobenzene	BRL		µg/l	12.5	1	SW846 8270C	18-Dec-06	20-Dec-06	6121294	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*	*85.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*98.4*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*98.4*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*95.2*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-d14*	*86.4*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*79.0*		*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*	*113*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-d14*	*80.8*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	19-Dec-06	20-Dec-06	6121166	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.364		mg/l	0.0050	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-2 SA55591-18	171-305	Ground Water	13-Dec-06 00:00	14-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	19-Dec-06	20-Dec-06	6121166	RM
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	19-Dec-06	20-Dec-06	6121167	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-3 SA55591-19	171-305	Ground Water	13-Dec-06 00:00	14-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	17-Dec-06	6121291	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
MW-3 SA55591-19	171-305	Ground Water	13-Dec-06 00:00	14-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	17-Dec-06	6121291	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*	*98.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.8*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95.0*		*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	18-Dec-06	19-Dec-06	6121301	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*	*60.4*		*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

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-3 SA55591-19	171-305	Ground Water	13-Dec-06 00:00	14-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	0.062	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	0.062	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)*	*72.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*122*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0250	1	SW846 8082	18-Dec-06	20-Dec-06	6121299	SM
11104-28-2	PCB 1221	BRL		µg/l	0.0250	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0250	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0250	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0250	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0250	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0250	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0250	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0250	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*		*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	12.1	1	SW846 8270C	18-Dec-06	20-Dec-06	6121294	M.B
208-96-8	Acenaphthylene	BRL		µg/l	12.1	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	12.1	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	12.1	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	12.1	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	12.1	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	12.1	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	12.1	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-3 SA55591-19	171-305	Ground Water	13-Dec-06 00:00	14-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	12.1	1	SW846 8270C	18-Dec-06	20-Dec-06	6121294	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	12.1	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	12.1	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	12.1	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	12.1	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	12.1	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	12.1	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	12.1	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	12.1	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	12.1	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	12.1	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	12.1	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	12.1	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	12.1	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	12.1	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	12.1	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	12.1	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	12.1	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	12.1	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	12.1	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	12.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	12.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	12.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	12.1	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	12.1	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	12.1	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	12.1	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	12.1	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	12.1	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	12.1	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	12.1	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	12.1	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	12.1	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	12.1	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	12.1	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	12.1	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	12.1	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	12.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	12.1	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	12.1	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	12.1	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	12.1	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	12.1	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	12.1	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	12.1	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	24.2	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	12.1	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	12.1	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	12.1	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	48.5	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-3 SA55591-19	171-305	Ground Water	13-Dec-06 00:00	14-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											
98-95-3	Nitrobenzene	BRL		µg/l	12.1	1	SW846 8270C	18-Dec-06	20-Dec-06	6121294	M.B
88-75-5	2-Nitrophenol	BRL		µg/l	12.1	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	48.5	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	12.1	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	12.1	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	12.1	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	48.5	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	12.1	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	12.1	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	12.1	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	12.1	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	12.1	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	12.1	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	12.1	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	12.1	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*83.5*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*94.2*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*94.2*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*90.9*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*136*	SGC	*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*76.3*		*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*	*110*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*72.5*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	19-Dec-06	20-Dec-06	6121166	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.102		mg/l	0.0050	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-3 SA55591-19	171-305	Ground Water	13-Dec-06 00:00	14-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	19-Dec-06	20-Dec-06	6121166	RM
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	0.0186		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	19-Dec-06	20-Dec-06	6121167	YP

APPENDIX E
QA/QC Sample
Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA55591-20	171-305	Blank Water	13-Dec-06 00:00	14-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	17-Dec-06	6121291	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	171-305	Blank Water	13-Dec-06 00:00	14-Dec-06
SA55591-20				

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	17-Dec-06	6121291	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*	*96.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*97.4*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*94.0*		*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	18-Dec-06	19-Dec-06	6121301	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*	*73.9*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.011	1	SW846 8081A	18-Dec-06	19-Dec-06	6121300	TG

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA55591-20	171-305	Blank Water	13-Dec-06 00:00	14-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	0.011	1	SW846 8081A	18-Dec-06	19-Dec-06	6121300	TG
319-85-7	b-BHC	BRL		µg/l	0.011	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/l	0.011	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.011	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.056	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/l	0.011	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/l	0.011	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/l	0.011	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.002	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.011	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.011	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.011	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.011	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.011	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.011	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.011	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.011	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.056	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.011	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.011	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.011	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*82.4*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*121*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0222	1	SW846 8082	18-Dec-06	20-Dec-06	6121299	SM
11104-28-2	PCB 1221	BRL		µg/l	0.0222	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0222	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0222	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0222	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0222	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0222	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0222	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0222	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70.3*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*90.1*		*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	11.1	1	SW846 8270C	18-Dec-06	20-Dec-06	6121294	M.B
208-96-8	Acenaphthylene	BRL		µg/l	11.1	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	11.1	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	11.1	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	11.1	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	11.1	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	11.1	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	11.1	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA55591-20	171-305	Blank Water	13-Dec-06 00:00	14-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	11.1	1	SW846 8270C	18-Dec-06	20-Dec-06	6121294	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	11.1	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	11.1	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	11.1	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	11.1	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	11.1	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	11.1	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	11.1	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	11.1	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	11.1	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	11.1	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	11.1	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	11.1	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	11.1	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	11.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	11.1	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	11.1	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	11.1	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	11.1	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	11.1	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	11.1	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	11.1	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	11.1	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	11.1	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	11.1	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	11.1	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	11.1	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	11.1	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	11.1	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	22.2	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	44.4	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
FB-1 SA55591-20	171-305	Blank Water	13-Dec-06 00:00	14-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											
98-95-3	Nitrobenzene	BRL		µg/l	11.1	1	SW846 8270C	18-Dec-06	20-Dec-06	6121294	M.B
88-75-5	2-Nitrophenol	BRL		µg/l	11.1	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	44.4	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	11.1	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	11.1	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	11.1	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	44.4	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	11.1	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	11.1	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	11.1	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	11.1	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	11.1	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	11.1	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*82.3*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*91.9*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*91.9*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*86.7*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*88.0*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*70.5*		*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*	*103*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*75.9*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	19-Dec-06	20-Dec-06	6121166	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	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
FB-1 SA55591-20	171-305	Blank Water	13-Dec-06 00:00	14-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	19-Dec-06	20-Dec-06	6121166	RM
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	19-Dec-06	20-Dec-06	6121167	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1 SA55591-21	171-305	Blank Water	13-Dec-06 00:00	14-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	17-Dec-06	6121291	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
TB-1 SA55591-21	171-305	Blank Water	13-Dec-06 00:00	14-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	17-Dec-06	6121291	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*	*96.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.8*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*94.8*		*70-130 %*			"	"	"	"	"

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121291 - SW846 5030 Water MS										
Blank (6121291-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 6121291 - SW846 5030 Water MS										
Blank (6121291-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	*47.4*		µg/l		*50.0*		*94.8*	*70-130*		
Surrogate: Toluene-d8	*50.3*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*47.7*		µg/l		*50.0*		*95.4*	*70-130*		
LCS (6121291-BS1)										
Prepared & Analyzed: 17-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.5		µg/l		20.0		122	70-130		
Acetone	26.0		µg/l		20.0		130	29.5-156		
Acrylonitrile	24.7		µg/l		20.0		124	70-130		
Benzene	20.3		µg/l		20.0		102	70-130		
Bromobenzene	20.0		µg/l		20.0		100	70-130		
Bromochloromethane	20.2		µg/l		20.0		101	70-130		
Bromodichloromethane	22.0		µg/l		20.0		110	70-130		
Bromoform	21.5		µg/l		20.0		108	70-130		
Bromomethane	18.9		µg/l		20.0		94.5	57.7-151		
2-Butanone (MEK)	19.1		µg/l		20.0		95.5	48.9-134		
n-Butylbenzene	26.0		µg/l		20.0		130	70-130		
sec-Butylbenzene	22.1		µg/l		20.0		110	70-130		
tert-Butylbenzene	22.2		µg/l		20.0		111	70-130		
Carbon disulfide	19.1		µg/l		20.0		95.5	70-130		
Carbon tetrachloride	23.5		µg/l		20.0		118	70-130		
Chlorobenzene	21.8		µg/l		20.0		109	70-130		
Chloroethane	22.8		µg/l		20.0		114	56.9-145		
Chloroform	19.9		µg/l		20.0		99.5	70-130		
Chloromethane	24.3		µg/l		20.0		122	70-130		
2-Chlorotoluene	22.6		µg/l		20.0		113	70-130		
4-Chlorotoluene	22.9		µg/l		20.0		114	70-130		
1,2-Dibromo-3-chloropropane	25.6		µg/l		20.0		128	70-130		
Dibromochloromethane	20.4		µg/l		20.0		102	61.5-142		
1,2-Dibromoethane (EDB)	20.8		µg/l		20.0		104	70-130		
Dibromomethane	19.7		µg/l		20.0		98.5	70-130		
1,2-Dichlorobenzene	23.3		µg/l		20.0		116	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121291 - SW846 5030 Water MS										
LCS (6121291-BS1)										
Prepared & Analyzed: 17-Dec-06										
1,3-Dichlorobenzene	21.4		µg/l		20.0		107	70-130		
1,4-Dichlorobenzene	23.3		µg/l		20.0		116	70-130		
Dichlorodifluoromethane (Freon12)	20.4		µg/l		20.0		102	36.6-187		
1,1-Dichloroethane	20.2		µg/l		20.0		101	70-130		
1,2-Dichloroethane	21.2		µg/l		20.0		106	70-130		
1,1-Dichloroethene	24.4		µg/l		20.0		122	70-130		
cis-1,2-Dichloroethene	21.2		µg/l		20.0		106	70-130		
trans-1,2-Dichloroethene	19.8		µg/l		20.0		99.0	70-130		
1,2-Dichloropropane	20.9		µg/l		20.0		104	70-130		
1,3-Dichloropropane	20.1		µg/l		20.0		100	70-130		
2,2-Dichloropropane	24.1		µg/l		20.0		120	70-130		
1,1-Dichloropropene	19.8		µg/l		20.0		99.0	70-130		
cis-1,3-Dichloropropene	23.1		µg/l		20.0		116	70-130		
trans-1,3-Dichloropropene	20.9		µg/l		20.0		104	70-130		
Ethylbenzene	22.0		µg/l		20.0		110	70-130		
Hexachlorobutadiene	21.6		µg/l		20.0		108	68.7-142		
2-Hexanone (MBK)	20.0		µg/l		20.0		100	56.3-131		
Isopropylbenzene	21.0		µg/l		20.0		105	70-130		
4-Isopropyltoluene	25.6		µg/l		20.0		128	70-130		
Methyl tert-butyl ether	19.8		µg/l		20.0		99.0	70-130		
4-Methyl-2-pentanone (MIBK)	20.6		µg/l		20.0		103	55.2-129		
Methylene chloride	23.0		µg/l		20.0		115	70-130		
Naphthalene	25.8		µg/l		20.0		129	70-130		
n-Propylbenzene	21.8		µg/l		20.0		109	70-130		
Styrene	23.4		µg/l		20.0		117	70-130		
1,1,1,2-Tetrachloroethane	25.5		µg/l		20.0		128	70-130		
1,1,2,2-Tetrachloroethane	22.2		µg/l		20.0		111	70-130		
Tetrachloroethene	16.9		µg/l		20.0		84.5	70-130		
Toluene	19.7		µg/l		20.0		98.5	70-130		
1,2,3-Trichlorobenzene	24.5		µg/l		20.0		122	70-130		
1,2,4-Trichlorobenzene	23.2		µg/l		20.0		116	70-130		
1,1,1-Trichloroethane	20.8		µg/l		20.0		104	70-130		
1,1,2-Trichloroethane	20.7		µg/l		20.0		104	70-130		
Trichloroethene	19.4		µg/l		20.0		97.0	70-130		
Trichlorofluoromethane (Freon 11)	24.0		µg/l		20.0		120	68-148		
1,2,3-Trichloropropane	25.1		µg/l		20.0		126	70-130		
1,2,4-Trimethylbenzene	23.1		µg/l		20.0		116	70-130		
1,3,5-Trimethylbenzene	22.3		µg/l		20.0		112	70-130		
Vinyl chloride	25.9		µg/l		20.0		130	70-130		
m,p-Xylene	44.4		µg/l		40.0		111	70-130		
o-Xylene	23.6		µg/l		20.0		118	70-130		
Tetrahydrofuran	20.0		µg/l		20.0		100	70-130		
Ethyl ether	25.9		µg/l		20.0		130	57.6-132		
Tert-amyl methyl ether	20.4		µg/l		20.0		102	70-130		
Ethyl tert-butyl ether	23.9		µg/l		20.0		120	70-130		
Di-isopropyl ether	22.5		µg/l		20.0		112	70-130		
Tert-Butanol / butyl alcohol	159		µg/l		200		79.5	70-130		
1,4-Dioxane	177		µg/l		200		88.5	45.2-132		
Surrogate: 4-Bromofluorobenzene	*49.7*		µg/l		*50.0*		*99.4*	*70-130*		
Surrogate: Toluene-d8	*49.2*		µg/l		*50.0*		*98.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: Dibromofluoromethane	*47.3*		µg/l		*50.0*		*94.6*	*70-130*		
LCS Dup (6121291-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121291 - SW846 5030 Water MS										
Prepared & Analyzed: 17-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.0		µg/l		20.0		115	70-130	5.91	25
Acetone	22.6		µg/l		20.0		113	29.5-156	14.0	50
Acrylonitrile	25.6		µg/l		20.0		128	70-130	3.17	25
Benzene	19.0		µg/l		20.0		95.0	70-130	7.11	25
Bromobenzene	17.8		µg/l		20.0		89.0	70-130	11.6	25
Bromochloromethane	18.6		µg/l		20.0		93.0	70-130	8.25	25
Bromodichloromethane	20.0		µg/l		20.0		100	70-130	9.52	25
Bromoform	19.2		µg/l		20.0		96.0	70-130	11.8	25
Bromomethane	15.7		µg/l		20.0		78.5	57.7-151	18.5	50
2-Butanone (MEK)	19.6		µg/l		20.0		98.0	48.9-134	2.58	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	5.61	25
tert-Butylbenzene	20.6		µg/l		20.0		103	70-130	7.48	25
Carbon disulfide	18.7		µg/l		20.0		93.5	70-130	2.12	25
Carbon tetrachloride	22.7		µg/l		20.0		114	70-130	3.45	25
Chlorobenzene	19.3		µg/l		20.0		96.5	70-130	12.2	25
Chloroethane	21.9		µg/l		20.0		110	56.9-145	3.57	50
Chloroform	18.4		µg/l		20.0		92.0	70-130	7.83	25
Chloromethane	23.6		µg/l		20.0		118	70-130	3.33	25
2-Chlorotoluene	20.0		µg/l		20.0		100	70-130	12.2	25
4-Chlorotoluene	20.6		µg/l		20.0		103	70-130	10.1	25
1,2-Dibromo-3-chloropropane	22.4		µg/l		20.0		112	70-130	13.3	25
Dibromochloromethane	18.7		µg/l		20.0		93.5	61.5-142	8.70	50
1,2-Dibromoethane (EDB)	18.9		µg/l		20.0		94.5	70-130	9.57	25
Dibromomethane	18.4		µg/l		20.0		92.0	70-130	6.82	25
1,2-Dichlorobenzene	19.9		µg/l		20.0		99.5	70-130	15.3	25
1,3-Dichlorobenzene	18.3		µg/l		20.0		91.5	70-130	15.6	25
1,4-Dichlorobenzene	20.0		µg/l		20.0		100	70-130	14.8	25
Dichlorodifluoromethane (Freon12)	19.6		µg/l		20.0		98.0	36.6-187	4.00	50
1,1-Dichloroethane	19.1		µg/l		20.0		95.5	70-130	5.60	25
1,2-Dichloroethane	19.2		µg/l		20.0		96.0	70-130	9.90	25
1,1-Dichloroethene	23.9		µg/l		20.0		120	70-130	1.65	25
cis-1,2-Dichloroethene	19.8		µg/l		20.0		99.0	70-130	6.83	25
trans-1,2-Dichloroethene	18.7		µg/l		20.0		93.5	70-130	5.71	25
1,2-Dichloropropane	19.8		µg/l		20.0		99.0	70-130	4.93	25
1,3-Dichloropropane	18.7		µg/l		20.0		93.5	70-130	6.72	25
2,2-Dichloropropane	23.8		µg/l		20.0		119	70-130	0.837	25
1,1-Dichloropropene	18.9		µg/l		20.0		94.5	70-130	4.65	25
cis-1,3-Dichloropropene	20.8		µg/l		20.0		104	70-130	10.9	25
trans-1,3-Dichloropropene	19.1		µg/l		20.0		95.5	70-130	8.52	25
Ethylbenzene	20.1		µg/l		20.0		100	70-130	9.52	25
Hexachlorobutadiene	18.6		µg/l		20.0		93.0	68.7-142	14.9	50
2-Hexanone (MBK)	19.9		µg/l		20.0		99.5	56.3-131	0.501	25
Isopropylbenzene	19.6		µg/l		20.0		98.0	70-130	6.90	25
4-Isopropyltoluene	23.4		µg/l		20.0		117	70-130	8.98	25
Methyl tert-butyl ether	18.2		µg/l		20.0		91.0	70-130	8.42	25
4-Methyl-2-pentanone (MIBK)	20.6		µg/l		20.0		103	55.2-129	0.00	50
Methylene chloride	21.2		µg/l		20.0		106	70-130	8.14	25
Naphthalene	19.6	QR2	µg/l		20.0		98.0	70-130	27.3	25
n-Propylbenzene	19.9		µg/l		20.0		99.5	70-130	9.11	25
Styrene	20.7		µg/l		20.0		104	70-130	11.8	25
1,1,1,2-Tetrachloroethane	22.2		µg/l		20.0		111	70-130	14.2	25
1,1,2,2-Tetrachloroethane	20.4		µg/l		20.0		102	70-130	8.45	25
Tetrachloroethene	16.7		µg/l		20.0		83.5	70-130	1.19	25
Toluene	18.4		µg/l		20.0		92.0	70-130	6.82	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121291 - SW846 5030 Water MS										
LCS Dup (6121291-BSD1)										
Prepared & Analyzed: 17-Dec-06										
1,2,3-Trichlorobenzene	17.8	QR2	µg/l		20.0		89.0	70-130	31.3	25
1,2,4-Trichlorobenzene	17.8	QR2	µg/l		20.0		89.0	70-130	26.3	25
1,1,1-Trichloroethane	20.1		µg/l		20.0		100	70-130	3.92	25
1,1,2-Trichloroethane	20.0		µg/l		20.0		100	70-130	3.92	25
Trichloroethene	18.9		µg/l		20.0		94.5	70-130	2.61	25
Trichlorofluoromethane (Freon 11)	22.5		µg/l		20.0		112	68-148	6.90	50
1,2,3-Trichloropropane	23.4		µg/l		20.0		117	70-130	7.41	25
1,2,4-Trimethylbenzene	20.5		µg/l		20.0		102	70-130	12.8	25
1,3,5-Trimethylbenzene	20.3		µg/l		20.0		102	70-130	9.35	25
Vinyl chloride	23.3		µg/l		20.0		116	70-130	11.4	25
m,p-Xylene	41.0		µg/l		40.0		102	70-130	8.45	25
o-Xylene	21.2		µg/l		20.0		106	70-130	10.7	25
Tetrahydrofuran	20.5		µg/l		20.0		102	70-130	1.98	25
Ethyl ether	24.4		µg/l		20.0		122	57.6-132	6.35	50
Tert-amyl methyl ether	18.7		µg/l		20.0		93.5	70-130	8.70	25
Ethyl tert-butyl ether	21.9		µg/l		20.0		110	70-130	8.70	25
Di-isopropyl ether	20.8		µg/l		20.0		104	70-130	7.41	25
Tert-Butanol / butyl alcohol	174		µg/l		200		87.0	70-130	9.01	25
1,4-Dioxane	186		µg/l		200		93.0	45.2-132	4.96	25
Surrogate: 4-Bromofluorobenzene	*48.5*		µg/l		*50.0*		*97.0*	*70-130*		
Surrogate: Toluene-d8	*49.9*		µg/l		*50.0*		*99.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.7*		µg/l		*50.0*		*97.4*	*70-130*		
Surrogate: Dibromofluoromethane	*48.2*		µg/l		*50.0*		*96.4*	*70-130*		
Matrix Spike (6121291-MS1) **Source: SA55133-05RE1**										
Prepared & Analyzed: 17-Dec-06										
Benzene	13.3	QM7	µg/l		20.0	BRL	66.5	70-130		
Chlorobenzene	17.2		µg/l		20.0	BRL	86.0	70-130		
1,1-Dichloroethene	12.4	QM7	µg/l		20.0	BRL	62.0	70-130		
Toluene	14.0		µg/l		20.0	BRL	70.0	70-130		
Trichloroethene	13.3	QM7	µg/l		20.0	BRL	66.5	70-130		
Surrogate: 4-Bromofluorobenzene	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: Dibromofluoromethane	*46.9*		µg/l		*50.0*		*93.8*	*70-130*		
Matrix Spike Dup (6121291-MSD1) **Source: SA55133-05RE1**										
Prepared & Analyzed: 17-Dec-06										
Benzene	12.8	QM7	µg/l		20.0	BRL	64.0	70-130	3.83	30
Chlorobenzene	16.3		µg/l		20.0	BRL	81.5	70-130	5.37	30
1,1-Dichloroethene	11.7	QM7	µg/l		20.0	BRL	58.5	70-130	5.81	30
Toluene	13.5	QM7	µg/l		20.0	BRL	67.5	70-130	3.64	30
Trichloroethene	12.7	QM7	µg/l		20.0	BRL	63.5	70-130	4.62	30
Surrogate: 4-Bromofluorobenzene	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.8*		µg/l		*50.0*		*97.6*	*70-130*		
Surrogate: Dibromofluoromethane	*46.9*		µg/l		*50.0*		*93.8*	*70-130*		
Batch 6121483 - SW846 5035A Soil (low level)										
Blank (6121483-BLK1)										
Prepared & Analyzed: 19-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 6121483 - SW846 5035A Soil (low level)										
Blank (6121483-BLK1)										
Prepared & Analyzed: 19-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 6121483 - SW846 5035A Soil (low level)										
Blank (6121483-BLK1)										
Prepared & Analyzed: 19-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	*52.0*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.8*		µg/kg wet		*50.0*		*110*	*70-130*		
Surrogate: Dibromofluoromethane	*55.1*		µg/kg wet		*50.0*		*110*	*70-130*		
LCS (6121483-BS1)										
Prepared & Analyzed: 19-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.6		µg/kg wet		20.0		98.0	70-130		
Acetone	6.1		µg/kg wet		20.0		30.5	3.31-159		
Acrylonitrile	16.2		µg/kg wet		20.0		81.0	70-130		
Benzene	17.6		µg/kg wet		20.0		88.0	70-130		
Bromobenzene	19.8		µg/kg wet		20.0		99.0	70-130		
Bromochloromethane	18.0		µg/kg wet		20.0		90.0	70-130		
Bromodichloromethane	19.5		µg/kg wet		20.0		97.5	70-130		
Bromoform	22.5		µg/kg wet		20.0		112	70-130		
Bromomethane	16.6		µg/kg wet		20.0		83.0	50-140		
2-Butanone (MEK)	12.6		µg/kg wet		20.0		63.0	47.7-127		
n-Butylbenzene	19.5		µg/kg wet		20.0		97.5	70-130		
sec-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130		
tert-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130		
Carbon disulfide	15.5		µg/kg wet		20.0		77.5	70-130		
Carbon tetrachloride	19.8		µg/kg wet		20.0		99.0	70-130		
Chlorobenzene	19.4		µg/kg wet		20.0		97.0	70-130		
Chloroethane	18.2		µg/kg wet		20.0		91.0	55.9-135		
Chloroform	17.8		µg/kg wet		20.0		89.0	70-130		
Chloromethane	14.6		µg/kg wet		20.0		73.0	70-130		
2-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130		
4-Chlorotoluene	19.7		µg/kg wet		20.0		98.5	70-130		
1,2-Dibromo-3-chloropropane	23.5		µg/kg wet		20.0		118	70-130		
Dibromochloromethane	19.7		µg/kg wet		20.0		98.5	72-125		
1,2-Dibromoethane (EDB)	19.6		µg/kg wet		20.0		98.0	70-130		
Dibromomethane	18.5		µg/kg wet		20.0		92.5	70-130		
1,2-Dichlorobenzene	20.9		µg/kg wet		20.0		104	70-130		
1,3-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
1,4-Dichlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
Dichlorodifluoromethane (Freon12)	23.4		µg/kg wet		20.0		117	42.3-190		
1,1-Dichloroethane	17.8		µg/kg wet		20.0		89.0	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121483 - SW846 5035A Soil (low level)										
LCS (6121483-BS1)										
Prepared & Analyzed: 19-Dec-06										
1,2-Dichloroethane	19.0		µg/kg wet		20.0		95.0	70-130		
1,1-Dichloroethene	16.7		µg/kg wet		20.0		83.5	70-130		
cis-1,2-Dichloroethene	18.6		µg/kg wet		20.0		93.0	70-130		
trans-1,2-Dichloroethene	18.7		µg/kg wet		20.0		93.5	70-130		
1,2-Dichloropropane	18.1		µg/kg wet		20.0		90.5	70-130		
1,3-Dichloropropane	20.3		µg/kg wet		20.0		102	70-130		
2,2-Dichloropropane	17.9		µg/kg wet		20.0		89.5	70-130		
1,1-Dichloropropene	18.6		µg/kg wet		20.0		93.0	70-130		
cis-1,3-Dichloropropene	19.4		µg/kg wet		20.0		97.0	70-130		
trans-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96.0	70-130		
Ethylbenzene	20.0		µg/kg wet		20.0		100	70-130		
Hexachlorobutadiene	21.4		µg/kg wet		20.0		107	70-137		
2-Hexanone (MBK)	14.1		µg/kg wet		20.0		70.5	70-130		
Isopropylbenzene	20.1		µg/kg wet		20.0		100	70-130		
4-Isopropyltoluene	21.3		µg/kg wet		20.0		106	70-130		
Methyl tert-butyl ether	18.7		µg/kg wet		20.0		93.5	70-130		
4-Methyl-2-pentanone (MIBK)	16.6		µg/kg wet		20.0		83.0	48.5-127		
Methylene chloride	16.1		µg/kg wet		20.0		80.5	70-130		
Naphthalene	21.1		µg/kg wet		20.0		106	70-130		
n-Propylbenzene	21.9		µg/kg wet		20.0		110	70-130		
Styrene	20.2		µg/kg wet		20.0		101	70-130		
1,1,1,2-Tetrachloroethane	22.0		µg/kg wet		20.0		110	70-130		
1,1,2,2-Tetrachloroethane	21.9		µg/kg wet		20.0		110	70-130		
Tetrachloroethene	18.9		µg/kg wet		20.0		94.5	70-130		
Toluene	18.2		µg/kg wet		20.0		91.0	70-130		
1,2,3-Trichlorobenzene	20.5		µg/kg wet		20.0		102	70-130		
1,2,4-Trichlorobenzene	19.6		µg/kg wet		20.0		98.0	70-130		
1,1,1-Trichloroethane	20.4		µg/kg wet		20.0		102	70-130		
1,1,2-Trichloroethane	19.4		µg/kg wet		20.0		97.0	70-130		
Trichloroethene	18.6		µg/kg wet		20.0		93.0	70-130		
Trichlorofluoromethane (Freon 11)	19.7		µg/kg wet		20.0		98.5	66.5-144		
1,2,3-Trichloropropane	22.1		µg/kg wet		20.0		110	70-130		
1,2,4-Trimethylbenzene	21.2		µg/kg wet		20.0		106	70-130		
1,3,5-Trimethylbenzene	20.5		µg/kg wet		20.0		102	70-130		
Vinyl chloride	17.5		µg/kg wet		20.0		87.5	70-130		
m,p-Xylene	38.6		µg/kg wet		40.0		96.5	70-130		
o-Xylene	20.6		µg/kg wet		20.0		103	70-130		
Tetrahydrofuran	15.4		µg/kg wet		20.0		77.0	70-130		
Ethyl ether	18.0		µg/kg wet		20.0		90.0	64.9-123		
Tert-amyl methyl ether	21.7		µg/kg wet		20.0		108	70-130		
Ethyl tert-butyl ether	19.2		µg/kg wet		20.0		96.0	70-130		
Di-isopropyl ether	15.7		µg/kg wet		20.0		78.5	70-130		
Tert-Butanol / butyl alcohol	158		µg/kg wet		200		79.0	70-130		
1,4-Dioxane	148		µg/kg wet		200		74.0	40-134		
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	*51.3*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*49.2*		µg/kg wet		*50.0*		*98.4*	*70-130*		
LCS Dup (6121483-BSD1)										
Prepared & Analyzed: 19-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.6		µg/kg wet		20.0		113	70-130	14.2	25
Acetone	2.3	QR2	µg/kg wet		20.0		11.5	3.31-159	90.5	50
Acrylonitrile	18.5		µg/kg wet		20.0		92.5	70-130	13.3	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121483 - SW846 5035A Soil (low level)										
LCS Dup (6121483-BSD1)										
Prepared & Analyzed: 19-Dec-06										
Benzene	18.6		µg/kg wet		20.0		93.0	70-130	5.52	25
Bromobenzene	20.2		µg/kg wet		20.0		101	70-130	2.00	25
Bromochloromethane	19.3		µg/kg wet		20.0		96.5	70-130	6.97	25
Bromodichloromethane	21.7		µg/kg wet		20.0		108	70-130	10.2	25
Bromoform	22.6		µg/kg wet		20.0		113	70-130	0.889	25
Bromomethane	17.6		µg/kg wet		20.0		88.0	50-140	5.85	50
2-Butanone (MEK)	12.8		µg/kg wet		20.0		64.0	47.7-127	1.57	50
n-Butylbenzene	23.3		µg/kg wet		20.0		116	70-130	17.3	25
sec-Butylbenzene	22.1		µg/kg wet		20.0		110	70-130	5.61	25
tert-Butylbenzene	22.2		µg/kg wet		20.0		111	70-130	2.74	25
Carbon disulfide	16.8		µg/kg wet		20.0		84.0	70-130	8.05	25
Carbon tetrachloride	21.1		µg/kg wet		20.0		106	70-130	6.83	25
Chlorobenzene	19.9		µg/kg wet		20.0		99.5	70-130	2.54	25
Chloroethane	17.1		µg/kg wet		20.0		85.5	55.9-135	6.23	50
Chloroform	18.5		µg/kg wet		20.0		92.5	70-130	3.86	25
Chloromethane	15.5		µg/kg wet		20.0		77.5	70-130	5.98	25
2-Chlorotoluene	22.2		µg/kg wet		20.0		111	70-130	4.61	25
4-Chlorotoluene	21.7		µg/kg wet		20.0		108	70-130	9.20	25
1,2-Dibromo-3-chloropropane	19.1		µg/kg wet		20.0		95.5	70-130	21.1	25
Dibromochloromethane	19.8		µg/kg wet		20.0		99.0	72-125	0.506	50
1,2-Dibromoethane (EDB)	21.8		µg/kg wet		20.0		109	70-130	10.6	25
Dibromomethane	19.8		µg/kg wet		20.0		99.0	70-130	6.79	25
1,2-Dichlorobenzene	20.7		µg/kg wet		20.0		104	70-130	0.00	25
1,3-Dichlorobenzene	22.4		µg/kg wet		20.0		112	70-130	9.35	25
1,4-Dichlorobenzene	21.9		µg/kg wet		20.0		110	70-130	5.61	25
Dichlorodifluoromethane (Freon12)	25.5		µg/kg wet		20.0		128	42.3-190	8.98	50
1,1-Dichloroethane	17.7		µg/kg wet		20.0		88.5	70-130	0.563	25
1,2-Dichloroethane	20.7		µg/kg wet		20.0		104	70-130	9.05	25
1,1-Dichloroethene	17.4		µg/kg wet		20.0		87.0	70-130	4.11	25
cis-1,2-Dichloroethene	19.2		µg/kg wet		20.0		96.0	70-130	3.17	25
trans-1,2-Dichloroethene	18.4		µg/kg wet		20.0		92.0	70-130	1.62	25
1,2-Dichloropropane	19.3		µg/kg wet		20.0		96.5	70-130	6.42	25
1,3-Dichloropropane	21.8		µg/kg wet		20.0		109	70-130	6.64	25
2,2-Dichloropropane	18.6		µg/kg wet		20.0		93.0	70-130	3.84	25
1,1-Dichloropropene	19.8		µg/kg wet		20.0		99.0	70-130	6.25	25
cis-1,3-Dichloropropene	19.8		µg/kg wet		20.0		99.0	70-130	2.04	25
trans-1,3-Dichloropropene	20.6		µg/kg wet		20.0		103	70-130	7.04	25
Ethylbenzene	20.1		µg/kg wet		20.0		100	70-130	0.00	25
Hexachlorobutadiene	24.8		µg/kg wet		20.0		124	70-137	14.7	50
2-Hexanone (MBK)	16.4		µg/kg wet		20.0		82.0	70-130	15.1	25
Isopropylbenzene	19.9		µg/kg wet		20.0		99.5	70-130	0.501	25
4-Isopropyltoluene	22.9		µg/kg wet		20.0		114	70-130	7.27	25
Methyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130	9.67	25
4-Methyl-2-pentanone (MIBK)	14.5		µg/kg wet		20.0		72.5	48.5-127	13.5	50
Methylene chloride	18.2		µg/kg wet		20.0		91.0	70-130	12.2	25
Naphthalene	21.1		µg/kg wet		20.0		106	70-130	0.00	25
n-Propylbenzene	23.7		µg/kg wet		20.0		118	70-130	7.02	25
Styrene	20.6		µg/kg wet		20.0		103	70-130	1.96	25
1,1,1,2-Tetrachloroethane	21.4		µg/kg wet		20.0		107	70-130	2.76	25
1,1,2,2-Tetrachloroethane	23.6		µg/kg wet		20.0		118	70-130	7.02	25
Tetrachloroethene	21.7		µg/kg wet		20.0		108	70-130	13.3	25
Toluene	19.3		µg/kg wet		20.0		96.5	70-130	5.87	25
1,2,3-Trichlorobenzene	20.1		µg/kg wet		20.0		100	70-130	1.98	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121483 - SW846 5035A Soil (low level)										
LCS Dup (6121483-BSD1)										
Prepared & Analyzed: 19-Dec-06										
1,2,4-Trichlorobenzene	21.7		µg/kg wet		20.0		108	70-130	9.71	25
1,1,1-Trichloroethane	20.7		µg/kg wet		20.0		104	70-130	1.94	25
1,1,2-Trichloroethane	20.1		µg/kg wet		20.0		100	70-130	3.05	25
Trichloroethene	20.6		µg/kg wet		20.0		103	70-130	10.2	25
Trichlorofluoromethane (Freon 11)	21.3		µg/kg wet		20.0		106	66.5-144	7.33	50
1,2,3-Trichloropropane	25.0		µg/kg wet		20.0		125	70-130	12.8	25
1,2,4-Trimethylbenzene	22.3		µg/kg wet		20.0		112	70-130	5.50	25
1,3,5-Trimethylbenzene	21.9		µg/kg wet		20.0		110	70-130	7.55	25
Vinyl chloride	18.2		µg/kg wet		20.0		91.0	70-130	3.92	25
m,p-Xylene	41.8		µg/kg wet		40.0		104	70-130	7.48	25
o-Xylene	20.6		µg/kg wet		20.0		103	70-130	0.00	25
Tetrahydrofuran	16.6		µg/kg wet		20.0		83.0	70-130	7.50	25
Ethyl ether	18.8		µg/kg wet		20.0		94.0	64.9-123	4.35	50
Tert-amyl methyl ether	24.0		µg/kg wet		20.0		120	70-130	10.5	25
Ethyl tert-butyl ether	20.2		µg/kg wet		20.0		101	70-130	5.08	25
Di-isopropyl ether	16.7		µg/kg wet		20.0		83.5	70-130	6.17	25
Tert-Butanol / butyl alcohol	171		µg/kg wet		200		85.5	70-130	7.90	25
1,4-Dioxane	207	QR2	µg/kg wet		200		104	40-134	33.7	25
Surrogate: 4-Bromofluorobenzene	*49.3*		µg/kg wet		*50.0*		*98.6*	*70-130*		
Surrogate: Toluene-d8	*50.9*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.8*		µg/kg wet		*50.0*		*99.6*	*70-130*		
Surrogate: Dibromofluoromethane	*50.6*		µg/kg wet		*50.0*		*101*	*70-130*		
Batch 6121681 - SW846 5030 Soil (high level)										
Blank (6121681-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						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121681 - SW846 5030 Soil (high level)										
Blank (6121681-BLK1)										
Prepared & Analyzed: 21-Dec-06										
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-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	*30.8*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*29.5*		µg/kg wet		*30.0*		*98.3*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.9*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*29.2*		µg/kg wet		*30.0*		*97.3*	*70-130*		
LCS (6121681-BS1)										
Prepared & Analyzed: 21-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.5		µg/kg wet		20.0		92.5	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121681 - SW846 5030 Soil (high level)										
LCS (6121681-BS1)										
Prepared & Analyzed: 21-Dec-06										
Acetone	15.6		µg/kg wet		20.0		78.0	3.31-159		
Acrylonitrile	20.0		µg/kg wet		20.0		100	70-130		
Benzene	18.6		µg/kg wet		20.0		93.0	70-130		
Bromobenzene	19.6		µg/kg wet		20.0		98.0	70-130		
Bromochloromethane	18.2		µg/kg wet		20.0		91.0	70-130		
Bromodichloromethane	18.9		µg/kg wet		20.0		94.5	70-130		
Bromoform	16.6		µg/kg wet		20.0		83.0	70-130		
Bromomethane	20.2		µg/kg wet		20.0		101	50-140		
2-Butanone (MEK)	15.7		µg/kg wet		20.0		78.5	47.7-127		
n-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130		
sec-Butylbenzene	20.3		µg/kg wet		20.0		102	70-130		
tert-Butylbenzene	18.8		µg/kg wet		20.0		94.0	70-130		
Carbon disulfide	20.4		µg/kg wet		20.0		102	70-130		
Carbon tetrachloride	15.8		µg/kg wet		20.0		79.0	70-130		
Chlorobenzene	19.2		µg/kg wet		20.0		96.0	70-130		
Chloroethane	14.4		µg/kg wet		20.0		72.0	55.9-135		
Chloroform	19.0		µg/kg wet		20.0		95.0	70-130		
Chloromethane	19.3		µg/kg wet		20.0		96.5	70-130		
2-Chlorotoluene	19.4		µg/kg wet		20.0		97.0	70-130		
4-Chlorotoluene	20.3		µg/kg wet		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	21.3		µg/kg wet		20.0		106	70-130		
Dibromochloromethane	17.5		µg/kg wet		20.0		87.5	72-125		
1,2-Dibromoethane (EDB)	20.1		µg/kg wet		20.0		100	70-130		
Dibromomethane	19.0		µg/kg wet		20.0		95.0	70-130		
1,2-Dichlorobenzene	20.1		µg/kg wet		20.0		100	70-130		
1,3-Dichlorobenzene	19.7		µg/kg wet		20.0		98.5	70-130		
1,4-Dichlorobenzene	20.1		µg/kg wet		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	15.3		µg/kg wet		20.0		76.5	42.3-190		
1,1-Dichloroethane	17.7		µg/kg wet		20.0		88.5	70-130		
1,2-Dichloroethane	19.0		µg/kg wet		20.0		95.0	70-130		
1,1-Dichloroethene	16.9		µg/kg wet		20.0		84.5	70-130		
cis-1,2-Dichloroethene	18.9		µg/kg wet		20.0		94.5	70-130		
trans-1,2-Dichloroethene	17.3		µg/kg wet		20.0		86.5	70-130		
1,2-Dichloropropane	19.2		µg/kg wet		20.0		96.0	70-130		
1,3-Dichloropropane	19.5		µg/kg wet		20.0		97.5	70-130		
2,2-Dichloropropane	18.1		µg/kg wet		20.0		90.5	70-130		
1,1-Dichloropropene	17.7		µg/kg wet		20.0		88.5	70-130		
cis-1,3-Dichloropropene	19.8		µg/kg wet		20.0		99.0	70-130		
trans-1,3-Dichloropropene	19.7		µg/kg wet		20.0		98.5	70-130		
Ethylbenzene	18.8		µg/kg wet		20.0		94.0	70-130		
Hexachlorobutadiene	18.4		µg/kg wet		20.0		92.0	70-137		
2-Hexanone (MBK)	19.0		µg/kg wet		20.0		95.0	70-130		
Isopropylbenzene	18.1		µg/kg wet		20.0		90.5	70-130		
4-Isopropyltoluene	21.2		µg/kg wet		20.0		106	70-130		
Methyl tert-butyl ether	18.3		µg/kg wet		20.0		91.5	70-130		
4-Methyl-2-pentanone (MIBK)	19.4		µg/kg wet		20.0		97.0	48.5-127		
Methylene chloride	17.4		µg/kg wet		20.0		87.0	70-130		
Naphthalene	23.2		µg/kg wet		20.0		116	70-130		
n-Propylbenzene	19.2		µg/kg wet		20.0		96.0	70-130		
Styrene	20.2		µg/kg wet		20.0		101	70-130		
1,1,1,2-Tetrachloroethane	18.1		µg/kg wet		20.0		90.5	70-130		
1,1,2,2-Tetrachloroethane	20.5		µg/kg wet		20.0		102	70-130		
Tetrachloroethene	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 6121681 - SW846 5030 Soil (high level)										
LCS (6121681-BS1)										
Prepared & Analyzed: 21-Dec-06										
Toluene	19.2		µg/kg wet		20.0		96.0	70-130		
1,2,3-Trichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
1,2,4-Trichlorobenzene	20.7		µg/kg wet		20.0		104	70-130		
1,1,1-Trichloroethane	17.4		µg/kg wet		20.0		87.0	70-130		
1,1,2-Trichloroethane	19.6		µg/kg wet		20.0		98.0	70-130		
Trichloroethene	19.0		µg/kg wet		20.0		95.0	70-130		
Trichlorofluoromethane (Freon 11)	16.4		µg/kg wet		20.0		82.0	66.5-144		
1,2,3-Trichloropropane	22.5		µg/kg wet		20.0		112	70-130		
1,2,4-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130		
1,3,5-Trimethylbenzene	19.2		µg/kg wet		20.0		96.0	70-130		
Vinyl chloride	15.8		µg/kg wet		20.0		79.0	70-130		
m,p-Xylene	37.7		µg/kg wet		40.0		94.2	70-130		
o-Xylene	19.8		µg/kg wet		20.0		99.0	70-130		
Tetrahydrofuran	18.1		µg/kg wet		20.0		90.5	70-130		
Ethyl ether	19.6		µg/kg wet		20.0		98.0	64.9-123		
Tert-amyl methyl ether	20.2		µg/kg wet		20.0		101	70-130		
Ethyl tert-butyl ether	19.6		µg/kg wet		20.0		98.0	70-130		
Di-isopropyl ether	18.7		µg/kg wet		20.0		93.5	70-130		
Tert-Butanol / butyl alcohol	200		µg/kg wet		200		100	70-130		
1,4-Dioxane	132		µg/kg wet		200		66.0	40-134		
Surrogate: 4-Bromofluorobenzene	*30.4*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*30.8*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.3*		µg/kg wet		*30.0*		*97.7*	*70-130*		
Surrogate: Dibromofluoromethane	*29.4*		µg/kg wet		*30.0*		*98.0*	*70-130*		
LCS Dup (6121681-BSD1)										
Prepared & Analyzed: 21-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.8		µg/kg wet		20.0		89.0	70-130	3.86	25
Acetone	14.4		µg/kg wet		20.0		72.0	3.31-159	8.00	50
Acrylonitrile	20.4		µg/kg wet		20.0		102	70-130	1.98	25
Benzene	17.9		µg/kg wet		20.0		89.5	70-130	3.84	25
Bromobenzene	19.7		µg/kg wet		20.0		98.5	70-130	0.509	25
Bromochloromethane	17.8		µg/kg wet		20.0		89.0	70-130	2.22	25
Bromodichloromethane	19.2		µg/kg wet		20.0		96.0	70-130	1.57	25
Bromoform	17.1		µg/kg wet		20.0		85.5	70-130	2.97	25
Bromomethane	18.1		µg/kg wet		20.0		90.5	50-140	11.0	50
2-Butanone (MEK)	14.0		µg/kg wet		20.0		70.0	47.7-127	11.4	50
n-Butylbenzene	22.0		µg/kg wet		20.0		110	70-130	1.83	25
sec-Butylbenzene	20.7		µg/kg wet		20.0		104	70-130	1.94	25
tert-Butylbenzene	19.5		µg/kg wet		20.0		97.5	70-130	3.66	25
Carbon disulfide	16.3		µg/kg wet		20.0		81.5	70-130	22.3	25
Carbon tetrachloride	15.4		µg/kg wet		20.0		77.0	70-130	2.56	25
Chlorobenzene	19.4		µg/kg wet		20.0		97.0	70-130	1.04	25
Chloroethane	14.7		µg/kg wet		20.0		73.5	55.9-135	2.06	50
Chloroform	18.4		µg/kg wet		20.0		92.0	70-130	3.21	25
Chloromethane	20.3		µg/kg wet		20.0		102	70-130	5.54	25
2-Chlorotoluene	19.6		µg/kg wet		20.0		98.0	70-130	1.03	25
4-Chlorotoluene	20.1		µg/kg wet		20.0		100	70-130	1.98	25
1,2-Dibromo-3-chloropropane	20.6		µg/kg wet		20.0		103	70-130	2.87	25
Dibromochloromethane	16.6		µg/kg wet		20.0		83.0	72-125	5.28	50
1,2-Dibromoethane (EDB)	19.4		µg/kg wet		20.0		97.0	70-130	3.05	25
Dibromomethane	19.9		µg/kg wet		20.0		99.5	70-130	4.63	25
1,2-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	0.995	25
1,3-Dichlorobenzene	20.3		µg/kg wet		20.0		102	70-130	3.49	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121681 - SW846 5030 Soil (high level)										
LCS Dup (6121681-BSD1)										
Prepared & Analyzed: 21-Dec-06										
1,4-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	0.995	25
Dichlorodifluoromethane (Freon12)	14.2		µg/kg wet		20.0		71.0	42.3-190	7.46	50
1,1-Dichloroethane	17.6		µg/kg wet		20.0		88.0	70-130	0.567	25
1,2-Dichloroethane	19.2		µg/kg wet		20.0		96.0	70-130	1.05	25
1,1-Dichloroethene	16.0		µg/kg wet		20.0		80.0	70-130	5.47	25
cis-1,2-Dichloroethene	18.0		µg/kg wet		20.0		90.0	70-130	4.88	25
trans-1,2-Dichloroethene	16.3		µg/kg wet		20.0		81.5	70-130	5.95	25
1,2-Dichloropropane	19.3		µg/kg wet		20.0		96.5	70-130	0.519	25
1,3-Dichloropropane	19.8		µg/kg wet		20.0		99.0	70-130	1.53	25
2,2-Dichloropropane	17.2		µg/kg wet		20.0		86.0	70-130	5.10	25
1,1-Dichloropropene	17.0		µg/kg wet		20.0		85.0	70-130	4.03	25
cis-1,3-Dichloropropene	20.6		µg/kg wet		20.0		103	70-130	3.96	25
trans-1,3-Dichloropropene	19.8		µg/kg wet		20.0		99.0	70-130	0.506	25
Ethylbenzene	18.9		µg/kg wet		20.0		94.5	70-130	0.531	25
Hexachlorobutadiene	18.2		µg/kg wet		20.0		91.0	70-137	1.09	50
2-Hexanone (MBK)	17.5		µg/kg wet		20.0		87.5	70-130	8.22	25
Isopropylbenzene	18.3		µg/kg wet		20.0		91.5	70-130	1.10	25
4-Isopropyltoluene	21.4		µg/kg wet		20.0		107	70-130	0.939	25
Methyl tert-butyl ether	17.5		µg/kg wet		20.0		87.5	70-130	4.47	25
4-Methyl-2-pentanone (MIBK)	18.6		µg/kg wet		20.0		93.0	48.5-127	4.21	50
Methylene chloride	19.1		µg/kg wet		20.0		95.5	70-130	9.32	25
Naphthalene	23.3		µg/kg wet		20.0		116	70-130	0.00	25
n-Propylbenzene	19.5		µg/kg wet		20.0		97.5	70-130	1.55	25
Styrene	20.6		µg/kg wet		20.0		103	70-130	1.96	25
1,1,1,2-Tetrachloroethane	18.3		µg/kg wet		20.0		91.5	70-130	1.10	25
1,1,2,2-Tetrachloroethane	20.9		µg/kg wet		20.0		104	70-130	1.94	25
Tetrachloroethene	17.0		µg/kg wet		20.0		85.0	70-130	0.587	25
Toluene	18.4		µg/kg wet		20.0		92.0	70-130	4.26	25
1,2,3-Trichlorobenzene	21.4		µg/kg wet		20.0		107	70-130	3.81	25
1,2,4-Trichlorobenzene	20.9		µg/kg wet		20.0		104	70-130	0.00	25
1,1,1-Trichloroethane	17.0		µg/kg wet		20.0		85.0	70-130	2.33	25
1,1,2-Trichloroethane	19.8		µg/kg wet		20.0		99.0	70-130	1.02	25
Trichloroethene	19.0		µg/kg wet		20.0		95.0	70-130	0.00	25
Trichlorofluoromethane (Freon 11)	14.7		µg/kg wet		20.0		73.5	66.5-144	10.9	50
1,2,3-Trichloropropane	23.1		µg/kg wet		20.0		116	70-130	3.51	25
1,2,4-Trimethylbenzene	21.0		µg/kg wet		20.0		105	70-130	0.957	25
1,3,5-Trimethylbenzene	20.2		µg/kg wet		20.0		101	70-130	5.08	25
Vinyl chloride	15.9		µg/kg wet		20.0		79.5	70-130	0.631	25
m,p-Xylene	37.7		µg/kg wet		40.0		94.2	70-130	0.00	25
o-Xylene	19.3		µg/kg wet		20.0		96.5	70-130	2.56	25
Tetrahydrofuran	17.8		µg/kg wet		20.0		89.0	70-130	1.67	25
Ethyl ether	19.0		µg/kg wet		20.0		95.0	64.9-123	3.11	50
Tert-amyl methyl ether	20.2		µg/kg wet		20.0		101	70-130	0.00	25
Ethyl tert-butyl ether	19.2		µg/kg wet		20.0		96.0	70-130	2.06	25
Di-isopropyl ether	18.1		µg/kg wet		20.0		90.5	70-130	3.26	25
Tert-Butanol / butyl alcohol	179		µg/kg wet		200		89.5	70-130	11.1	25
1,4-Dioxane	163		µg/kg wet		200		81.5	40-134	21.0	25
Surrogate: 4-Bromofluorobenzene	*31.0*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*30.1*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.3*		µg/kg wet		*30.0*		*97.7*	*70-130*		
Surrogate: Dibromofluoromethane	*28.6*		µg/kg wet		*30.0*		*95.3*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121301 - SW846 3510C										
Blank (6121301-BLK1)										
Prepared: 18-Dec-06 Analyzed: 19-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	*0.0451*		mg/l		*0.0500*		*90.2*	*40-140*		
LCS (6121301-BS1)										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
C9-C36 Aliphatic Hydrocarbons	1.3		mg/l	0.05	1.40		92.9	60-120		
Surrogate: 1-Chlorooctadecane	*0.0462*		mg/l		*0.0500*		*92.4*	*60-120*		
Batch 6121304 - SW846 3550B										
Blank (6121304-BLK1)										
Prepared: 18-Dec-06 Analyzed: 20-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	*2.69*		mg/kg wet		*3.33*		*80.8*	*40-140*		
LCS (6121304-BS1)										
Prepared: 18-Dec-06 Analyzed: 20-Dec-06										
C9-C36 Aliphatic Hydrocarbons	89.8		mg/kg wet	13.3	93.3		96.2	60-120		
Surrogate: 1-Chlorooctadecane	*3.29*		mg/kg wet		*3.33*		*98.8*	*60-120*		
Duplicate (6121304-DUP1) **Source: SA55591-09**										
Prepared: 18-Dec-06 Analyzed: 20-Dec-06										
Gasoline	BRL		mg/kg dry	17.4		BRL				50
Fuel Oil #2	BRL		mg/kg dry	17.4		BRL				50
Fuel Oil #4	BRL		mg/kg dry	17.4		BRL				50
Fuel Oil #6	BRL		mg/kg dry	17.4		BRL				50
Motor Oil	BRL		mg/kg dry	17.4		BRL				50
Aviation Fuel	BRL		mg/kg dry	17.4		BRL				50
Unidentified	BRL		mg/kg dry	17.4		BRL				50
Other Oil	BRL		mg/kg dry	17.4		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.4		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.4		BRL				50
Surrogate: 1-Chlorooctadecane	*1.79*		mg/kg dry		*2.19*		*81.7*	*40-140*		
Matrix Spike (6121304-MS1) **Source: SA55591-09**										
Prepared: 18-Dec-06 Analyzed: 20-Dec-06										
C9-C36 Aliphatic Hydrocarbons	83.9		mg/kg dry	15.1	106	BRL	79.2	50-150		
Surrogate: 1-Chlorooctadecane	*3.22*		mg/kg dry		*3.78*		*85.2*	*40-140*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121304 - SW846 3550B										
Matrix Spike Dup (6121304-MSD1) Source: SA55591-09										
Prepared: 18-Dec-06 Analyzed: 20-Dec-06										
C9-C36 Aliphatic Hydrocarbons	87.9		mg/kg dry	15.1	106	BRL	82.9	50-150	4.57	30
Surrogate: 1-Chlorooctadecane	*3.51*		mg/kg dry		*3.78*		*92.9*	*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 6121156 - SW846 3550B										
Blank (6121156-BLK1)										
Prepared: 15-Dec-06 Analyzed: 18-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						
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)	*6.40*		µg/kg wet		*10.0*		*64.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*10.1*		µg/kg wet		*10.0*		*101*	*30-150*		
LCS (6121156-BS1)										
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Aldrin	7.45		µg/kg wet	5.00	10.0		74.5	40-140		
a-BHC	6.82		µg/kg wet	5.00	10.0		68.2	40-140		
b-BHC	7.83		µg/kg wet	5.00	10.0		78.3	40-140		
d-BHC	4.12		µg/kg wet	5.00	10.0		41.2	40-140		
g-BHC (Lindane)	7.01		µg/kg wet	5.00	10.0		70.1	40-140		
4,4-DDD (p,p')	6.95		µg/kg wet	5.00	10.0		69.5	40-140		
4,4-DDE (p,p')	7.62		µg/kg wet	5.00	10.0		76.2	40-140		
4,4-DDT (p,p')	7.65		µg/kg wet	5.00	10.0		76.5	40-140		
Dieldrin	7.89		µg/kg wet	5.00	10.0		78.9	40-140		
Endosulfan I	4.49		µg/kg wet	5.00	10.0		44.9	40-140		
Endosulfan II	5.26		µg/kg wet	5.00	10.0		52.6	40-140		
Endosulfan Sulfate	8.27		µg/kg wet	5.00	10.0		82.7	40-140		
Endrin	7.82		µg/kg wet	5.00	10.0		78.2	40-140		
Endrin Aldehyde	7.14		µg/kg wet	5.00	10.0		71.4	40-140		
Heptachlor	8.03		µg/kg wet	5.00	10.0		80.3	40-140		
Methoxychlor	8.80		µg/kg wet	5.00	10.0		88.0	40-140		
Heptachlor Epoxide	7.49		µg/kg wet	5.00	10.0		74.9	40-140		
a-Chlordane	7.97		µg/kg wet	5.00	10.0		79.7	40-140		
g-Chlordane	7.62		µg/kg wet	5.00	10.0		76.2	40-140		
Endrin Ketone	7.63		µg/kg wet	5.00	10.0		76.3	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*8.47*		µg/kg wet		*10.0*		*84.7*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*10.5*		µg/kg wet		*10.0*		*105*	*40-140*		
LCS Dup (6121156-BSD1)										
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Aldrin	6.90		µg/kg wet	5.00	10.0		69.0	40-140	7.67	30
a-BHC	6.48		µg/kg wet	5.00	10.0		64.8	40-140	5.11	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 6121156 - SW846 3550B										
LCS Dup (6121156-BSD1)										
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
b-BHC	7.43		µg/kg wet	5.00	10.0		74.3	40-140	5.24	30
d-BHC	4.07		µg/kg wet	5.00	10.0		40.7	40-140	1.22	30
g-BHC (Lindane)	6.79		µg/kg wet	5.00	10.0		67.9	40-140	3.19	30
4,4-DDD (p,p')	7.39		µg/kg wet	5.00	10.0		73.9	40-140	6.14	30
4,4-DDE (p,p')	7.54		µg/kg wet	5.00	10.0		75.4	40-140	1.06	30
4,4-DDT (p,p')	8.16		µg/kg wet	5.00	10.0		81.6	40-140	6.45	30
Dieldrin	7.76		µg/kg wet	5.00	10.0		77.6	40-140	1.66	30
Endosulfan I	4.29		µg/kg wet	5.00	10.0		42.9	40-140	4.56	30
Endosulfan II	5.07		µg/kg wet	5.00	10.0		50.7	40-140	3.68	30
Endosulfan Sulfate	8.49		µg/kg wet	5.00	10.0		84.9	40-140	2.63	30
Endrin	7.74		µg/kg wet	5.00	10.0		77.4	40-140	1.03	30
Endrin Aldehyde	7.53		µg/kg wet	5.00	10.0		75.3	40-140	5.32	30
Heptachlor	7.09		µg/kg wet	5.00	10.0		70.9	40-140	12.4	30
Methoxychlor	7.58		µg/kg wet	5.00	10.0		75.8	40-140	14.9	30
Heptachlor Epoxide	7.45		µg/kg wet	5.00	10.0		74.5	40-140	0.535	30
a-Chlordane	8.05		µg/kg wet	5.00	10.0		80.5	40-140	0.999	30
g-Chlordane	7.59		µg/kg wet	5.00	10.0		75.9	40-140	0.394	30
Endrin Ketone	7.61		µg/kg wet	5.00	10.0		76.1	40-140	0.262	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*8.11*		µg/kg wet		*10.0*		*81.1*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*10.2*		µg/kg wet		*10.0*		*102*	*40-140*		
Duplicate (6121156-DUP1) **Source: SA55499-19**										
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Aldrin	BRL		µg/kg dry	6.08		BRL				30
a-BHC	BRL		µg/kg dry	6.08		BRL				30
b-BHC	BRL		µg/kg dry	6.08		BRL				30
d-BHC	BRL		µg/kg dry	6.08		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	6.08		BRL				30
Chlordane	BRL		µg/kg dry	30.4		BRL				30
4,4-DDD (p,p')	BRL		µg/kg dry	6.08		BRL				30
4,4-DDE (p,p')	BRL		µg/kg dry	6.08		BRL				30
4,4-DDT (p,p')	BRL		µg/kg dry	6.08		BRL				30
Dieldrin	BRL		µg/kg dry	6.08		BRL				30
Endosulfan I	BRL		µg/kg dry	6.08		BRL				30
Endosulfan II	BRL		µg/kg dry	6.08		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	6.08		BRL				30
Endrin	BRL		µg/kg dry	6.08		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	6.08		BRL				30
Heptachlor	BRL		µg/kg dry	6.08		BRL				30
Methoxychlor	BRL		µg/kg dry	6.08		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	6.08		BRL				30
Toxaphene	BRL		µg/kg dry	30.4		BRL				30
a-Chlordane	BRL		µg/kg dry	6.08		BRL				30
g-Chlordane	BRL		µg/kg dry	6.08		BRL				30
Endrin Ketone	BRL		µg/kg dry	6.08		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*7.60*		µg/kg dry		*12.1*		*62.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*13.7*		µg/kg dry		*12.1*		*113*	*30-150*		
Matrix Spike (6121156-MS1) **Source: SA55499-19**										
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Aldrin	8.13		µg/kg dry	6.05	12.1	BRL	67.2	30-150		
a-BHC	7.19		µg/kg dry	6.05	12.1	BRL	59.4	30-150		
b-BHC	8.31		µg/kg dry	6.05	12.1	BRL	68.7	30-150		
d-BHC	4.90		µg/kg dry	6.05	12.1	BRL	40.5	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 6121156 - SW846 3550B										
Matrix Spike (6121156-MS1) **Source: SA55499-19**										
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
g-BHC (Lindane)	7.60		µg/kg dry	6.05	12.1	BRL	62.8	30-150		
4,4-DDD (p,p')	7.64		µg/kg dry	6.05	12.1	BRL	63.1	30-150		
4,4-DDE (p,p')	9.05		µg/kg dry	6.05	12.1	BRL	74.8	30-150		
4,4-DDT (p,p')	9.08		µg/kg dry	6.05	12.1	BRL	75.0	30-150		
Dieldrin	8.73		µg/kg dry	6.05	12.1	BRL	72.1	30-150		
Endosulfan I	5.12		µg/kg dry	6.05	12.1	BRL	42.3	30-150		
Endosulfan II	6.26		µg/kg dry	6.05	12.1	BRL	51.7	30-150		
Endosulfan Sulfate	9.49		µg/kg dry	6.05	12.1	BRL	78.4	30-150		
Endrin	9.04		µg/kg dry	6.05	12.1	BRL	74.7	30-150		
Endrin Aldehyde	7.65		µg/kg dry	6.05	12.1	BRL	63.2	30-150		
Heptachlor	8.18		µg/kg dry	6.05	12.1	BRL	67.6	30-150		
Methoxychlor	9.16		µg/kg dry	6.05	12.1	BRL	75.7	30-150		
Heptachlor Epoxide	8.55		µg/kg dry	6.05	12.1	BRL	70.7	30-150		
a-Chlordane	9.40		µg/kg dry	6.05	12.1	BRL	77.7	30-150		
g-Chlordane	8.46		µg/kg dry	6.05	12.1	BRL	69.9	30-150		
Endrin Ketone	8.88		µg/kg dry	6.05	12.1	BRL	73.4	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*5.49*		µg/kg dry		*12.1*		*45.4*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*13.0*		µg/kg dry		*12.1*		*107*	*30-150*		
Matrix Spike Dup (6121156-MSD1) **Source: SA55499-19**										
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Aldrin	8.89		µg/kg dry	6.08	12.2	BRL	72.9	30-150	8.14	30
a-BHC	7.57		µg/kg dry	6.08	12.2	BRL	62.0	30-150	4.28	30
b-BHC	9.38		µg/kg dry	6.08	12.2	BRL	76.9	30-150	11.3	30
d-BHC	5.33		µg/kg dry	6.08	12.2	BRL	43.7	30-150	7.60	30
g-BHC (Lindane)	8.25		µg/kg dry	6.08	12.2	BRL	67.6	30-150	7.36	30
4,4-DDD (p,p')	8.39		µg/kg dry	6.08	12.2	BRL	68.8	30-150	8.64	30
4,4-DDE (p,p')	9.51		µg/kg dry	6.08	12.2	BRL	78.0	30-150	4.19	30
4,4-DDT (p,p')	9.88		µg/kg dry	6.08	12.2	BRL	81.0	30-150	7.69	30
Dieldrin	9.16		µg/kg dry	6.08	12.2	BRL	75.1	30-150	4.08	30
Endosulfan I	5.15		µg/kg dry	6.08	12.2	BRL	42.2	30-150	0.237	30
Endosulfan II	6.43		µg/kg dry	6.08	12.2	BRL	52.7	30-150	1.92	30
Endosulfan Sulfate	9.94		µg/kg dry	6.08	12.2	BRL	81.5	30-150	3.88	30
Endrin	9.53		µg/kg dry	6.08	12.2	BRL	78.1	30-150	4.45	30
Endrin Aldehyde	7.51		µg/kg dry	6.08	12.2	BRL	61.6	30-150	2.56	30
Heptachlor	9.15		µg/kg dry	6.08	12.2	BRL	75.0	30-150	10.4	30
Methoxychlor	8.78		µg/kg dry	6.08	12.2	BRL	72.0	30-150	5.01	30
Heptachlor Epoxide	9.30		µg/kg dry	6.08	12.2	BRL	76.2	30-150	7.49	30
a-Chlordane	9.26		µg/kg dry	6.08	12.2	BRL	75.9	30-150	2.34	50
g-Chlordane	9.06		µg/kg dry	6.08	12.2	BRL	74.3	30-150	6.10	50
Endrin Ketone	8.81		µg/kg dry	6.08	12.2	BRL	72.2	30-150	1.65	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*7.94*		µg/kg dry		*12.2*		*65.1*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*12.5*		µg/kg dry		*12.2*		*102*	*30-150*		
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						

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 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)										
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		

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										
LCS (6121300-BS1)										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
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 6121307 - SW846 3550B										
Blank (6121307-BLK1)										
Prepared & Analyzed: 18-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						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121307 - SW846 3550B										
Blank (6121307-BLK1)										
Prepared & Analyzed: 18-Dec-06										
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*69.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*32.9*		µg/kg wet		*28.6*		*115*	*30-150*		
LCS (6121307-BS1)										
Prepared & Analyzed: 18-Dec-06										
PCB 1016	330		µg/kg wet	28.6	357		92.4	40-140		
PCB 1260	346		µg/kg wet	28.6	357		96.9	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.0*		µg/kg wet		*28.6*		*105*	*30-150*		
LCS Dup (6121307-BSD1)										
Prepared & Analyzed: 18-Dec-06										
PCB 1016	346		µg/kg wet	28.6	357		96.9	40-140	4.75	30
PCB 1260	347		µg/kg wet	28.6	357		97.2	40-140	0.309	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*69.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.0*		µg/kg wet		*28.6*		*105*	*30-150*		
Duplicate (6121307-DUP1) **Source: SA55667-03**										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
PCB 1016	BRL		µg/kg dry	32.2		BRL				40
PCB 1221	BRL		µg/kg dry	32.2		BRL				40
PCB 1232	BRL		µg/kg dry	32.2		BRL				40
PCB 1242	BRL		µg/kg dry	32.2		BRL				40
PCB 1248	BRL		µg/kg dry	32.2		BRL				40
PCB 1254	BRL		µg/kg dry	32.2		BRL				40
PCB 1260	BRL		µg/kg dry	32.2		BRL				40
PCB 1262	BRL		µg/kg dry	32.2		BRL				40
PCB 1268	BRL		µg/kg dry	32.2		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*27.3*		µg/kg dry		*32.1*		*85.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*35.3*		µg/kg dry		*32.1*		*110*	*30-150*		
Matrix Spike (6121307-MS1) **Source: SA55667-03**										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
PCB 1016	428		µg/kg dry	32.9	411	BRL	104	40-140		
PCB 1260	516		µg/kg dry	32.9	411	BRL	126	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.4*		µg/kg dry		*32.9*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*41.1*		µg/kg dry		*32.9*		*125*	*30-150*		
Matrix Spike Dup (6121307-MSD1) **Source: SA55667-03**										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
PCB 1016	433		µg/kg dry	32.6	407	BRL	106	40-140	1.90	50
PCB 1260	500		µg/kg dry	32.6	407	BRL	123	40-140	2.41	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*26.0*		µg/kg dry		*32.5*		*80.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*45.6*		µg/kg dry		*32.5*		*140*	*30-150*		
Batch 6121351 - SW846 3545A										
Blank (6121351-BLK1)										
Prepared & Analyzed: 18-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						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121351 - SW846 3545A										
Blank (6121351-BLK1)										
Prepared & Analyzed: 18-Dec-06										
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.4*		µg/kg wet		*28.6*		*74.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*32.9*		µg/kg wet		*28.6*		*115*	*30-150*		
LCS (6121351-BS1)										
Prepared & Analyzed: 18-Dec-06										
PCB 1016	379		µg/kg wet	28.6	357		106	40-140		
PCB 1260	387		µg/kg wet	28.6	357		108	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.4*		µg/kg wet		*28.6*		*74.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*32.9*		µg/kg wet		*28.6*		*115*	*30-150*		
LCS Dup (6121351-BSD1)										
Prepared & Analyzed: 18-Dec-06										
PCB 1016	386		µg/kg wet	28.6	357		108	40-140	1.87	30
PCB 1260	403		µg/kg wet	28.6	357		113	40-140	4.52	30
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*		
Duplicate (6121351-DUP1) **Source: SA55566-02**										
Prepared & Analyzed: 18-Dec-06										
PCB 1016	BRL		µg/kg dry	40.3		BRL				40
PCB 1221	BRL		µg/kg dry	40.3		BRL				40
PCB 1232	BRL		µg/kg dry	40.3		BRL				40
PCB 1242	BRL		µg/kg dry	40.3		BRL				40
PCB 1248	BRL		µg/kg dry	40.3		BRL				40
PCB 1254	BRL		µg/kg dry	40.3		BRL				40
PCB 1260	BRL		µg/kg dry	40.3		BRL				40
PCB 1262	BRL		µg/kg dry	40.3		BRL				40
PCB 1268	BRL		µg/kg dry	40.3		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*32.2*		µg/kg dry		*40.2*		*80.1*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*50.3*		µg/kg dry		*40.2*		*125*	*30-150*		
Matrix Spike (6121351-MS1) **Source: SA55566-02**										
Prepared & Analyzed: 18-Dec-06										
PCB 1016	561		µg/kg dry	41.2	514	BRL	109	40-140		
PCB 1260	535		µg/kg dry	41.2	514	BRL	104	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*32.9*		µg/kg dry		*41.1*		*80.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*53.5*		µg/kg dry		*41.1*		*130*	*30-150*		
Matrix Spike Dup (6121351-MSD1) **Source: SA55566-02**										
Prepared & Analyzed: 18-Dec-06										
PCB 1016	549		µg/kg dry	40.5	506	BRL	108	40-140	0.922	50
PCB 1260	514		µg/kg dry	40.5	506	BRL	102	40-140	1.94	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*32.4*		µg/kg dry		*40.5*		*80.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*54.7*		µg/kg dry		*40.5*		*135*	*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 6I21294 - 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						
1,2,4-Trichlorobenzene	BRL		µg/l	5.00						
1-Methylnaphthalene	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-Methylnaphthalene	74.2		µg/l	5.00	100		74.2	40-140		
1,2,4-Trichlorobenzene	66.1		µg/l	5.00	100		66.1	40-130		
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 6121306 - SW846 3550B										
Blank (6121306-BLK1)										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Acenaphthene	BRL		µg/kg wet	165						
Acenaphthylene	BRL		µg/kg wet	165						
Aniline	BRL		µg/kg wet	165						
Anthracene	BRL		µg/kg wet	165						
Atrazine	BRL		µg/kg wet	165						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	165						
Benzidine	BRL		µg/kg wet	165						
Benzo (a) anthracene	BRL		µg/kg wet	165						
Benzo (a) pyrene	BRL		µg/kg wet	165						
Benzo (b) fluoranthene	BRL		µg/kg wet	165						
Benzo (g,h,i) perylene	BRL		µg/kg wet	165						
Benzo (k) fluoranthene	BRL		µg/kg wet	165						
Benzoic acid	BRL		µg/kg wet	165						
Benzyl alcohol	BRL		µg/kg wet	165						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	165						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	165						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	165						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	165						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	165						
Butyl benzyl phthalate	BRL		µg/kg wet	165						
Carbazole	BRL		µg/kg wet	165						
4-Chloro-3-methylphenol	BRL		µg/kg wet	165						
4-Chloroaniline	BRL		µg/kg wet	165						
2-Chloronaphthalene	BRL		µg/kg wet	165						
2-Chlorophenol	BRL		µg/kg wet	165						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	165						
Chrysene	BRL		µg/kg wet	165						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	165						
Dibenzofuran	BRL		µg/kg wet	165						
1,2-Dichlorobenzene	BRL		µg/kg wet	165						
1,3-Dichlorobenzene	BRL		µg/kg wet	165						
1,4-Dichlorobenzene	BRL		µg/kg wet	165						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	165						
2,4-Dichlorophenol	BRL		µg/kg wet	165						
Diethyl phthalate	BRL		µg/kg wet	165						
Dimethyl phthalate	BRL		µg/kg wet	165						
2,4-Dimethylphenol	BRL		µg/kg wet	165						
Di-n-butyl phthalate	BRL		µg/kg wet	165						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	165						
2,4-Dinitrophenol	BRL		µg/kg wet	165						
2,4-Dinitrotoluene	BRL		µg/kg wet	165						
2,6-Dinitrotoluene	BRL		µg/kg wet	165						
Di-n-octyl phthalate	BRL		µg/kg wet	165						
Fluoranthene	BRL		µg/kg wet	165						
Fluorene	BRL		µg/kg wet	165						
Hexachlorobenzene	BRL		µg/kg wet	165						
Hexachlorobutadiene	BRL		µg/kg wet	165						
Hexachlorocyclopentadiene	BRL		µg/kg wet	165						
Hexachloroethane	BRL		µg/kg wet	165						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	165						
1-Methylnaphthalene	BRL		µg/kg wet	165						
Isophorone	BRL		µg/kg wet	165						
2-Methylnaphthalene	BRL		µg/kg wet	165						
2-Methylphenol	BRL		µg/kg wet	165						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121306 - SW846 3550B										
Blank (6121306-BLK1)										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
3,4-Methylphenol	BRL		µg/kg wet	165						
Naphthalene	BRL		µg/kg wet	165						
2-Nitroaniline	BRL		µg/kg wet	165						
3-Nitroaniline	BRL		µg/kg wet	165						
4-Nitroaniline	BRL		µg/kg wet	660						
Nitrobenzene	BRL		µg/kg wet	165						
2-Nitrophenol	BRL		µg/kg wet	165						
4-Nitrophenol	BRL		µg/kg wet	660						
N-Nitrosodimethylamine	BRL		µg/kg wet	165						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	165						
N-Nitrosodiphenylamine	BRL		µg/kg wet	165						
Pentachlorophenol	BRL		µg/kg wet	165						
Phenanthrene	BRL		µg/kg wet	165						
Phenol	BRL		µg/kg wet	165						
Pyrene	BRL		µg/kg wet	165						
Pyridine	BRL		µg/kg wet	165						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	165						
2,4,5-Trichlorophenol	BRL		µg/kg wet	165						
2,4,6-Trichlorophenol	BRL		µg/kg wet	165						
Surrogate: 2-Fluorobiphenyl	*1220*		µg/kg wet		*1670*		*73.1*	*30-130*		
Surrogate: 2-Fluorophenol	*1270*		µg/kg wet		*1670*		*76.0*	*15-110*		
Surrogate: Nitrobenzene-d5	*942*		µg/kg wet		*1670*		*56.4*	*30-130*		
Surrogate: Phenol-d5	*1260*		µg/kg wet		*1670*		*75.4*	*15-110*		
Surrogate: Terphenyl-d14	*1390*		µg/kg wet		*1670*		*83.2*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*980*		µg/kg wet		*1670*		*58.7*	*15-110*		
LCS (6121306-BS1)										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Acenaphthene	2460		µg/kg wet	165	3330		73.9	40-130		
Acenaphthylene	2490		µg/kg wet	165	3330		74.8	40-130		
Aniline	3110		µg/kg wet	165	3330		93.4	40-130		
Anthracene	2460		µg/kg wet	165	3330		73.9	40-130		
Atrazine	7320	QC2	µg/kg wet	165	3330		220	40-130		
Azobenzene/Diphenyldiazine	2750		µg/kg wet	165	3330		82.6	40-130		
Benzidine	2340		µg/kg wet	165	3330		70.3	40-130		
Benzo (a) anthracene	2420		µg/kg wet	165	3330		72.7	40-130		
Benzo (a) pyrene	2540		µg/kg wet	165	3330		76.3	40-130		
Benzo (b) fluoranthene	2630		µg/kg wet	165	3330		79.0	40-130		
Benzo (g,h,i) perylene	1820		µg/kg wet	165	3330		54.7	40-130		
Benzo (k) fluoranthene	2670		µg/kg wet	165	3330		80.2	40-130		
Benzoic acid	795	QC2	µg/kg wet	165	3330		23.9	40-130		
Benzyl alcohol	2410		µg/kg wet	165	3330		72.4	40-130		
Bis(2-chloroethoxy)methane	1990		µg/kg wet	165	3330		59.8	40-130		
Bis(2-chloroethyl)ether	2170		µg/kg wet	165	3330		65.2	40-130		
Bis(2-chloroisopropyl)ether	2460		µg/kg wet	165	3330		73.9	40-130		
Bis(2-ethylhexyl)phthalate	2620		µg/kg wet	165	3330		78.7	40-130		
4-Bromophenyl phenyl ether	2480		µg/kg wet	165	3330		74.5	40-130		
Butyl benzyl phthalate	2570		µg/kg wet	165	3330		77.2	40-130		
Carbazole	6730	QC2	µg/kg wet	165	3330		202	40-130		
4-Chloro-3-methylphenol	2010		µg/kg wet	165	3330		60.4	40-130		
4-Chloroaniline	2490		µg/kg wet	165	3330		74.8	40-130		
2-Chloronaphthalene	2220		µg/kg wet	165	3330		66.7	40-130		
2-Chlorophenol	2420		µg/kg wet	165	3330		72.7	40-130		
4-Chlorophenyl phenyl ether	2530		µg/kg wet	165	3330		76.0	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 6121306 - SW846 3550B										
LCS (6121306-BS1)										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Chrysene	2400		µg/kg wet	165	3330		72.1	40-130		
Dibenzo (a,h) anthracene	2120		µg/kg wet	165	3330		63.7	40-130		
Dibenzofuran	2190		µg/kg wet	165	3330		65.8	40-130		
1,2-Dichlorobenzene	2090		µg/kg wet	165	3330		62.8	40-130		
1,3-Dichlorobenzene	2070		µg/kg wet	165	3330		62.2	40-130		
1,4-Dichlorobenzene	2090		µg/kg wet	165	3330		62.8	40-130		
3,3'-Dichlorobenzidine	3150		µg/kg wet	165	3330		94.6	40-130		
2,4-Dichlorophenol	1990		µg/kg wet	165	3330		59.8	40-130		
Diethyl phthalate	2380		µg/kg wet	165	3330		71.5	40-130		
Dimethyl phthalate	2480		µg/kg wet	165	3330		74.5	40-130		
2,4-Dimethylphenol	1790		µg/kg wet	165	3330		53.8	40-130		
Di-n-butyl phthalate	2620		µg/kg wet	165	3330		78.7	40-130		
4,6-Dinitro-2-methylphenol	1340		µg/kg wet	165	3330		40.2	40-130		
2,4-Dinitrophenol	1440		µg/kg wet	165	3330		43.2	40-130		
2,4-Dinitrotoluene	2430		µg/kg wet	165	3330		73.0	40-130		
2,6-Dinitrotoluene	2360		µg/kg wet	165	3330		70.9	40-130		
Di-n-octyl phthalate	3120		µg/kg wet	165	3330		93.7	40-130		
Fluoranthene	2500		µg/kg wet	165	3330		75.1	40-130		
Fluorene	2350		µg/kg wet	165	3330		70.6	40-130		
Hexachlorobenzene	2340		µg/kg wet	165	3330		70.3	40-130		
Hexachlorobutadiene	1700		µg/kg wet	165	3330		51.1	40-130		
Hexachlorocyclopentadiene	1190	QC2	µg/kg wet	165	3330		35.7	40-130		
Hexachloroethane	2330		µg/kg wet	165	3330		70.0	40-130		
Indeno (1,2,3-cd) pyrene	1990		µg/kg wet	165	3330		59.8	40-130		
1-Methylnaphthalene	2330		µg/kg wet	165	3330		70.0	40-140		
Isophorone	1860		µg/kg wet	165	3330		55.9	40-130		
2-Methylnaphthalene	1820		µg/kg wet	165	3330		54.7	40-130		
2-Methylphenol	2560		µg/kg wet	165	3330		76.9	40-130		
3,4-Methylphenol	2820		µg/kg wet	165	3330		84.7	40-130		
Naphthalene	1860		µg/kg wet	165	3330		55.9	40-130		
2-Nitroaniline	2600		µg/kg wet	165	3330		78.1	40-130		
3-Nitroaniline	3650		µg/kg wet	165	3330		110	40-130		
4-Nitroaniline	3880		µg/kg wet	660	3330		117	40-130		
Nitrobenzene	1660		µg/kg wet	165	3330		49.8	40-130		
2-Nitrophenol	1980		µg/kg wet	165	3330		59.5	40-130		
4-Nitrophenol	1550		µg/kg wet	660	3330		46.5	40-130		
N-Nitrosodimethylamine	2650		µg/kg wet	165	3330		79.6	40-130		
N-Nitrosodi-n-propylamine	2660		µg/kg wet	165	3330		79.9	40-130		
N-Nitrosodiphenylamine	3110		µg/kg wet	165	3330		93.4	40-130		
Pentachlorophenol	2830		µg/kg wet	165	3330		85.0	40-130		
Phenanthrene	2490		µg/kg wet	165	3330		74.8	40-130		
Phenol	2590		µg/kg wet	165	3330		77.8	40-130		
Pyrene	2370		µg/kg wet	165	3330		71.2	40-130		
Pyridine	1380		µg/kg wet	165	3330		41.4	40-130		
1,2,4-Trichlorobenzene	1700		µg/kg wet	165	3330		51.1	40-130		
2,4,5-Trichlorophenol	2660		µg/kg wet	165	3330		79.9	40-130		
2,4,6-Trichlorophenol	2180		µg/kg wet	165	3330		65.5	40-130		
1,4-Dichlorobenzene-d4	1330		µg/kg wet					50-200		
Naphthalene-d8	1330		µg/kg wet		3330		39.9	50-200		
Acenaphthene-d10	1330		µg/kg wet					50-200		
Phenanthrene-d10	1330		µg/kg wet					50-200		
Chrysene-d12	1330		µg/kg wet					50-200		
Perylene-d12	1330		µg/kg wet					50-200		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121306 - SW846 3550B										
LCS (6121306-BS1)										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Surrogate: 2-Fluorobiphenyl	*1340*		µg/kg wet		*3330*		*40.2*	*30-130*		
Surrogate: 2-Fluorophenol	*1260*		µg/kg wet		*3330*		*37.8*	*15-110*		
Surrogate: Nitrobenzene-d5	*990*		µg/kg wet		*3330*		*29.7*	*30-130*		
Surrogate: Phenol-d5	*1230*		µg/kg wet		*3330*		*36.9*	*15-110*		
Surrogate: Terphenyl-dl4	*1430*		µg/kg wet		*3330*		*42.9*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1480*		µg/kg wet		*3330*		*44.4*	*15-110*		
Duplicate (6121306-DUP1) **Source: SA55591-09**										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Acenaphthene	BRL		µg/kg dry	216		BRL				50
Acenaphthylene	BRL		µg/kg dry	216		BRL				50
Aniline	BRL		µg/kg dry	216		BRL				50
Anthracene	BRL		µg/kg dry	216		BRL				50
Atrazine	BRL		µg/kg dry	216		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	216		BRL				50
Benzidine	BRL		µg/kg dry	216		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	216		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	216		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	216		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	216		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	216		BRL				50
Benzoic acid	BRL		µg/kg dry	216		BRL				50
Benzyl alcohol	BRL		µg/kg dry	216		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	216		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	216		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	216		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	216		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	216		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	216		BRL				50
Carbazole	BRL		µg/kg dry	216		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	216		BRL				50
4-Chloroaniline	BRL		µg/kg dry	216		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	216		BRL				50
2-Chlorophenol	BRL		µg/kg dry	216		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	216		BRL				50
Chrysene	BRL		µg/kg dry	216		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	216		BRL				50
Dibenzofuran	BRL		µg/kg dry	216		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	216		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	216		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	216		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	216		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	216		BRL				50
Diethyl phthalate	BRL		µg/kg dry	216		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	216		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	216		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	216		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	216		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	216		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	216		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	216		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	216		BRL				50
Fluoranthene	BRL		µg/kg dry	216		BRL				50
Fluorene	BRL		µg/kg dry	216		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 6121306 - SW846 3550B										
Duplicate (6121306-DUP1) **Source: SA55591-09**										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Hexachlorobenzene	BRL		µg/kg dry	216		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	216		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	216		BRL				50
Hexachloroethane	BRL		µg/kg dry	216		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	216		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	216		BRL				50
Isophorone	BRL		µg/kg dry	216		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	216		BRL				50
2-Methylphenol	BRL		µg/kg dry	216		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	216		BRL				50
Naphthalene	BRL		µg/kg dry	216		BRL				50
2-Nitroaniline	BRL		µg/kg dry	216		BRL				50
3-Nitroaniline	BRL		µg/kg dry	216		BRL				50
4-Nitroaniline	BRL		µg/kg dry	865		BRL				50
Nitrobenzene	BRL		µg/kg dry	216		BRL				50
2-Nitrophenol	BRL		µg/kg dry	216		BRL				50
4-Nitrophenol	BRL		µg/kg dry	865		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	216		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	216		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	216		BRL				50
Pentachlorophenol	BRL		µg/kg dry	216		BRL				50
Phenanthrene	BRL		µg/kg dry	216		BRL				50
Phenol	BRL		µg/kg dry	216		BRL				50
Pyrene	BRL		µg/kg dry	216		BRL				50
Pyridine	BRL		µg/kg dry	216		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	216		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	216		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	216		BRL				50
Matrix Spike (6121306-MS1) **Source: SA55591-09**										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Acenaphthene	2860		µg/kg dry	213	4300	BRL	66.5	40-140		
4-Chloro-3-methylphenol	5500		µg/kg dry	213	8600	BRL	64.0	30-130		
2-Chlorophenol	5290		µg/kg dry	213	8600	BRL	61.5	30-130		
1,4-Dichlorobenzene	2250		µg/kg dry	213	4300	BRL	52.3	40-140		
2,4-Dinitrotoluene	2660		µg/kg dry	213	4300	BRL	61.9	40-140		
4-Nitrophenol	3750		µg/kg dry	852	8600	BRL	43.6	30-130		
N-Nitrosodi-n-propylamine	2460		µg/kg dry	213	4300	BRL	57.2	40-140		
Pentachlorophenol	5770		µg/kg dry	213	8600	BRL	67.1	30-130		
Phenol	4970		µg/kg dry	213	8600	BRL	57.8	30-130		
Pyrene	3220		µg/kg dry	213	4300	BRL	74.9	40-140		
1,2,4-Trichlorobenzene	2350		µg/kg dry	213	4300	BRL	54.7	40-140		
1,4-Dichlorobenzene-d4	1720		µg/kg dry					50-200		
Naphthalene-d8	1720		µg/kg dry					50-200		
Acenaphthene-d10	1720		µg/kg dry					50-200		
Phenanthrene-d10	1720		µg/kg dry					50-200		
Chrysene-d12	1720		µg/kg dry					50-200		
Perylene-d12	1720		µg/kg dry					50-200		
Surrogate: 2-Fluorobiphenyl	*1490*		µg/kg dry		*2150*		*69.3*	*30-130*		
Surrogate: 2-Fluorophenol	*1280*		µg/kg dry		*2150*		*59.5*	*15-110*		
Surrogate: Nitrobenzene-d5	*1210*		µg/kg dry		*2150*		*56.3*	*30-130*		
Surrogate: Phenol-d5	*1270*		µg/kg dry		*2150*		*59.1*	*15-110*		
Surrogate: Terphenyl-d14	*1780*		µg/kg dry		*2150*		*82.8*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1650*		µg/kg dry		*2150*		*76.7*	*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 6121306 - SW846 3550B										
Matrix Spike Dup (6121306-MSD1) **Source: SA55591-09**										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Acenaphthene	2740		µg/kg dry	215	4340	BRL	63.1	40-140	5.25	30
4-Chloro-3-methylphenol	6020		µg/kg dry	215	8670	BRL	69.4	30-130	8.10	30
2-Chlorophenol	5260		µg/kg dry	215	8670	BRL	60.7	30-130	1.31	30
1,4-Dichlorobenzene	2190		µg/kg dry	215	4340	BRL	50.5	40-140	3.50	30
2,4-Dinitrotoluene	2860		µg/kg dry	215	4340	BRL	65.9	40-140	6.26	30
4-Nitrophenol	4110		µg/kg dry	858	8670	BRL	47.4	30-130	8.35	30
N-Nitrosodi-n-propylamine	2030		µg/kg dry	215	4340	BRL	46.8	40-140	20.0	30
Pentachlorophenol	6100		µg/kg dry	215	8670	BRL	70.4	30-130	4.80	30
Phenol	5020		µg/kg dry	215	8670	BRL	57.9	30-130	0.173	30
Pyrene	2850		µg/kg dry	215	4340	BRL	65.7	40-140	13.1	30
1,2,4-Trichlorobenzene	2240		µg/kg dry	215	4340	BRL	51.6	40-140	5.83	30
Surrogate: 2-Fluorobiphenyl	*1460*		µg/kg dry		*2170*		*67.3*	*30-130*		
Surrogate: 2-Fluorophenol	*1360*		µg/kg dry		*2170*		*62.7*	*15-110*		
Surrogate: Nitrobenzene-d5	*1250*		µg/kg dry		*2170*		*57.6*	*30-130*		
Surrogate: Phenol-d5	*1360*		µg/kg dry		*2170*		*62.7*	*15-110*		
Surrogate: Terphenyl-dl4	*1650*		µg/kg dry		*2170*		*76.0*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1750*		µg/kg dry		*2170*		*80.6*	*15-110*		
Batch 6121440 - SW846 3550B										
Blank (6121440-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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121440 - SW846 3550B										
Blank (6121440-BLK1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
2,4-Dichlorophenol	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,4-Dimethylphenol	BRL		µg/kg wet	330						
Di-n-butyl phthalate	BRL		µg/kg wet	330						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	330						
2,4-Dinitrophenol	BRL		µg/kg wet	330						
2,4-Dinitrotoluene	BRL		µg/kg wet	330						
2,6-Dinitrotoluene	BRL		µg/kg wet	330						
Di-n-octyl phthalate	BRL		µg/kg wet	330						
Fluoranthene	BRL		µg/kg wet	330						
Fluorene	BRL		µg/kg wet	330						
Hexachlorobenzene	BRL		µg/kg wet	330						
Hexachlorobutadiene	BRL		µg/kg wet	330						
Hexachlorocyclopentadiene	BRL		µg/kg wet	330						
Hexachloroethane	BRL		µg/kg wet	330						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
1-Methylnaphthalene	BRL		µg/kg wet	330						
Isophorone	BRL		µg/kg wet	330						
2-Methylnaphthalene	BRL		µg/kg wet	330						
2-Methylphenol	BRL		µg/kg wet	330						
3,4-Methylphenol	BRL		µg/kg wet	330						
Naphthalene	BRL		µg/kg wet	330						
2-Nitroaniline	BRL		µg/kg wet	330						
3-Nitroaniline	BRL		µg/kg wet	330						
4-Nitroaniline	BRL		µg/kg wet	1320						
Nitrobenzene	BRL		µg/kg wet	330						
2-Nitrophenol	BRL		µg/kg wet	330						
4-Nitrophenol	BRL		µg/kg wet	1320						
N-Nitrosodimethylamine	BRL		µg/kg wet	330						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	330						
N-Nitrosodiphenylamine	BRL		µg/kg wet	330						
Pentachlorophenol	BRL		µg/kg wet	330						
Phenanthrene	BRL		µg/kg wet	330						
Phenol	BRL		µg/kg wet	330						
Pyrene	BRL		µg/kg wet	330						
Pyridine	BRL		µg/kg wet	330						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	330						
2,4,5-Trichlorophenol	BRL		µg/kg wet	330						
2,4,6-Trichlorophenol	BRL		µg/kg wet	330						
Surrogate: 2-Fluorobiphenyl	*2850*		µg/kg wet		*6670*		*42.7*	*30-130*		
Surrogate: 2-Fluorophenol	*3000*		µg/kg wet		*6670*		*45.0*	*15-110*		
Surrogate: Nitrobenzene-d5	*2710*		µg/kg wet		*6670*		*40.6*	*30-130*		
Surrogate: Phenol-d5	*2780*		µg/kg wet		*6670*		*41.7*	*15-110*		
Surrogate: Terphenyl-dl4	*2980*		µg/kg wet		*6670*		*44.7*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2350*		µg/kg wet		*6670*		*35.2*	*15-110*		
LCS (6121440-BS1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Acenaphthene	4620		µg/kg wet	330	6670		69.3	40-130		
Acenaphthylene	6050		µg/kg wet	330	6670		90.7	40-130		
Aniline	6090		µg/kg wet	330	6670		91.3	40-130		
Anthracene	4930		µg/kg wet	330	6670		73.9	40-130		
Atrazine	7320		µg/kg wet	330	6670		110	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 6121440 - SW846 3550B										
LCS (6121440-BS1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Azobenzene/Diphenyldiazine	4480		µg/kg wet	330	6670		67.2	40-130		
Benzidine	3740		µg/kg wet	330	6670		56.1	40-130		
Benzo (a) anthracene	4910		µg/kg wet	330	6670		73.6	40-130		
Benzo (a) pyrene	5020		µg/kg wet	330	6670		75.3	40-130		
Benzo (b) fluoranthene	4220		µg/kg wet	330	6670		63.3	40-130		
Benzo (g,h,i) perylene	4780		µg/kg wet	330	6670		71.7	40-130		
Benzo (k) fluoranthene	5000		µg/kg wet	330	6670		75.0	40-130		
Benzoic acid	1870	QC2	µg/kg wet	330	6670		28.0	40-130		
Benzyl alcohol	4490		µg/kg wet	330	6670		67.3	40-130		
Bis(2-chloroethoxy)methane	3990		µg/kg wet	330	6670		59.8	40-130		
Bis(2-chloroethyl)ether	5030		µg/kg wet	330	6670		75.4	40-130		
Bis(2-chloroisopropyl)ether	4150		µg/kg wet	330	6670		62.2	40-130		
Bis(2-ethylhexyl)phthalate	5320		µg/kg wet	330	6670		79.8	40-130		
4-Bromophenyl phenyl ether	5480		µg/kg wet	330	6670		82.2	40-130		
Butyl benzyl phthalate	5370		µg/kg wet	330	6670		80.5	40-130		
Carbazole	7590		µg/kg wet	330	6670		114	40-130		
4-Chloro-3-methylphenol	4090		µg/kg wet	330	6670		61.3	40-130		
4-Chloroaniline	4330		µg/kg wet	330	6670		64.9	40-130		
2-Chloronaphthalene	4550		µg/kg wet	330	6670		68.2	40-130		
2-Chlorophenol	5030		µg/kg wet	330	6670		75.4	40-130		
4-Chlorophenyl phenyl ether	4560		µg/kg wet	330	6670		68.4	40-130		
Chrysene	4690		µg/kg wet	330	6670		70.3	40-130		
Dibenzo (a,h) anthracene	4700		µg/kg wet	330	6670		70.5	40-130		
Dibenzofuran	3810		µg/kg wet	330	6670		57.1	40-130		
1,2-Dichlorobenzene	4660		µg/kg wet	330	6670		69.9	40-130		
1,3-Dichlorobenzene	4130		µg/kg wet	330	6670		61.9	40-130		
1,4-Dichlorobenzene	4250		µg/kg wet	330	6670		63.7	40-130		
3,3'-Dichlorobenzidine	5050		µg/kg wet	330	6670		75.7	40-130		
2,4-Dichlorophenol	4030		µg/kg wet	330	6670		60.4	40-130		
Diethyl phthalate	4530		µg/kg wet	330	6670		67.9	40-130		
Dimethyl phthalate	5120		µg/kg wet	330	6670		76.8	40-130		
2,4-Dimethylphenol	3790		µg/kg wet	330	6670		56.8	40-130		
Di-n-butyl phthalate	4100		µg/kg wet	330	6670		61.5	40-130		
4,6-Dinitro-2-methylphenol	2900		µg/kg wet	330	6670		43.5	40-130		
2,4-Dinitrophenol	2790		µg/kg wet	330	6670		41.8	40-130		
2,4-Dinitrotoluene	4190		µg/kg wet	330	6670		62.8	40-130		
2,6-Dinitrotoluene	4960		µg/kg wet	330	6670		74.4	40-130		
Di-n-octyl phthalate	5060		µg/kg wet	330	6670		75.9	40-130		
Fluoranthene	4450		µg/kg wet	330	6670		66.7	40-130		
Fluorene	4500		µg/kg wet	330	6670		67.5	40-130		
Hexachlorobenzene	4550		µg/kg wet	330	6670		68.2	40-130		
Hexachlorobutadiene	3180		µg/kg wet	330	6670		47.7	40-130		
Hexachlorocyclopentadiene	3950		µg/kg wet	330	6670		59.2	40-130		
Hexachloroethane	4190		µg/kg wet	330	6670		62.8	40-130		
Indeno (1,2,3-cd) pyrene	4880		µg/kg wet	330	6670		73.2	40-130		
Isophorone	3540		µg/kg wet	330	6670		53.1	40-130		
1-Methylnaphthalene	4920		µg/kg wet	330	6670		73.8	40-140		
2-Methylnaphthalene	3560		µg/kg wet	330	6670		53.4	40-130		
2-Methylphenol	4760		µg/kg wet	330	6670		71.4	40-130		
3,4-Methylphenol	4770		µg/kg wet	330	6670		71.5	40-130		
Naphthalene	3010		µg/kg wet	330	6670		45.1	40-130		
2-Nitroaniline	5090		µg/kg wet	330	6670		76.3	40-130		
3-Nitroaniline	5300		µg/kg wet	330	6670		79.5	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 6121440 - SW846 3550B										
LCS (6121440-BS1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
4-Nitroaniline	6910		µg/kg wet	1320	6670		104	40-130		
Nitrobenzene	3060		µg/kg wet	330	6670		45.9	40-130		
2-Nitrophenol	3920		µg/kg wet	330	6670		58.8	40-130		
4-Nitrophenol	2940		µg/kg wet	1320	6670		44.1	40-130		
N-Nitrosodimethylamine	4200		µg/kg wet	330	6670		63.0	40-130		
N-Nitrosodi-n-propylamine	4390		µg/kg wet	330	6670		65.8	40-130		
N-Nitrosodiphenylamine	5630		µg/kg wet	330	6670		84.4	40-130		
Pentachlorophenol	5810		µg/kg wet	330	6670		87.1	40-130		
Phenanthrene	4090		µg/kg wet	330	6670		61.3	40-130		
Phenol	4900		µg/kg wet	330	6670		73.5	40-130		
Pyrene	4460		µg/kg wet	330	6670		66.9	40-130		
Pyridine	4200		µg/kg wet	330	6670		63.0	40-130		
1,2,4-Trichlorobenzene	3410		µg/kg wet	330	6670		51.1	40-130		
2,4,5-Trichlorophenol	5870		µg/kg wet	330	6670		88.0	40-130		
2,4,6-Trichlorophenol	4590		µg/kg wet	330	6670		68.8	40-130		
Surrogate: 2-Fluorobiphenyl	*3040*		µg/kg wet		*6670*		*45.6*	*30-130*		
Surrogate: 2-Fluorophenol	*2620*		µg/kg wet		*6670*		*39.3*	*15-110*		
Surrogate: Nitrobenzene-d5	*2020*		µg/kg wet		*6670*		*30.3*	*30-130*		
Surrogate: Phenol-d5	*2530*		µg/kg wet		*6670*		*37.9*	*15-110*		
Surrogate: Terphenyl-d14	*3110*		µg/kg wet		*6670*		*46.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3220*		µg/kg wet		*6670*		*48.3*	*15-110*		
Duplicate (6121440-DUP1) **Source: SA55566-06**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Acenaphthene	BRL		µg/kg dry	248		BRL				50
Acenaphthylene	BRL		µg/kg dry	248		BRL				50
Aniline	BRL		µg/kg dry	248		BRL				50
Anthracene	BRL		µg/kg dry	248		BRL				50
Atrazine	BRL		µg/kg dry	248		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	248		BRL				50
Benzidine	BRL		µg/kg dry	248		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	248		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	248		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	248		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	248		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	248		BRL				50
Benzoic acid	BRL		µg/kg dry	248		BRL				50
Benzyl alcohol	BRL		µg/kg dry	248		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	248		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	248		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	248		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	248		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	248		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	248		BRL				50
Carbazole	BRL		µg/kg dry	248		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	248		BRL				50
4-Chloroaniline	BRL		µg/kg dry	248		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	248		BRL				50
2-Chlorophenol	BRL		µg/kg dry	248		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	248		BRL				50
Chrysene	BRL		µg/kg dry	248		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	248		BRL				50
Dibenzofuran	BRL		µg/kg dry	248		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	248		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 6121440 - SW846 3550B										
Duplicate (6121440-DUP1) **Source: SA55566-06**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
1,3-Dichlorobenzene	BRL		µg/kg dry	248		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	248		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	248		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	248		BRL				50
Diethyl phthalate	BRL		µg/kg dry	248		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	248		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	248		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	248		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	248		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	248		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	248		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	248		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	248		BRL				50
Fluoranthene	BRL		µg/kg dry	248		BRL				50
Fluorene	BRL		µg/kg dry	248		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	248		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	248		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	248		BRL				50
Hexachloroethane	BRL		µg/kg dry	248		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	248		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	248		BRL				50
Isophorone	BRL		µg/kg dry	248		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	248		BRL				50
2-Methylphenol	BRL		µg/kg dry	248		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	248		BRL				50
Naphthalene	BRL		µg/kg dry	248		BRL				50
2-Nitroaniline	BRL		µg/kg dry	248		BRL				50
3-Nitroaniline	BRL		µg/kg dry	248		BRL				50
4-Nitroaniline	BRL		µg/kg dry	993		BRL				50
Nitrobenzene	BRL		µg/kg dry	248		BRL				50
2-Nitrophenol	BRL		µg/kg dry	248		BRL				50
4-Nitrophenol	BRL		µg/kg dry	993		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	248		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	248		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	248		BRL				50
Pentachlorophenol	BRL		µg/kg dry	248		BRL				50
Phenanthrene	BRL		µg/kg dry	248		BRL				50
Phenol	BRL		µg/kg dry	248		BRL				50
Pyrene	BRL		µg/kg dry	248		BRL				50
Pyridine	BRL		µg/kg dry	248		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	248		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	248		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	248		BRL				50
Surrogate: 2-Fluorobiphenyl	*2210*		µg/kg dry		*5010*		*44.1*	*30-130*		
Surrogate: 2-Fluorophenol	*2460*		µg/kg dry		*5010*		*49.1*	*15-110*		
Surrogate: Nitrobenzene-d5	*1640*		µg/kg dry		*5010*		*32.7*	*30-130*		
Surrogate: Phenol-d5	*2220*		µg/kg dry		*5010*		*44.3*	*15-110*		
Surrogate: Terphenyl-d14	*2340*		µg/kg dry		*5010*		*46.7*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1810*		µg/kg dry		*5010*		*36.1*	*15-110*		
Matrix Spike (6121440-MS1) **Source: SA55566-06**										
Prepared: 19-Dec-06 Analyzed: 21-Dec-06										
Acenaphthene	3670		µg/kg dry	250	5040	BRL	72.8	40-140		
4-Chloro-3-methylphenol	3270		µg/kg dry	250	5040	BRL	64.9	30-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121440 - SW846 3550B										
Matrix Spike (6121440-MS1) **Source: SA55566-06**										
Prepared: 19-Dec-06 Analyzed: 21-Dec-06										
2-Chlorophenol	4090		µg/kg dry	250	5040	BRL	81.2	30-130		
1,4-Dichlorobenzene	3330		µg/kg dry	250	5040	BRL	66.1	40-140		
2,4-Dinitrotoluene	3170		µg/kg dry	250	5040	BRL	62.9	40-140		
4-Nitrophenol	2310		µg/kg dry	999	5040	BRL	45.8	30-130		
N-Nitrosodi-n-propylamine	3540		µg/kg dry	250	5040	BRL	70.2	40-140		
Pentachlorophenol	4650		µg/kg dry	250	5040	BRL	92.3	30-130		
Phenol	4020		µg/kg dry	250	5040	BRL	79.8	30-130		
Pyrene	3510		µg/kg dry	250	5040	BRL	69.6	40-140		
1,2,4-Trichlorobenzene	2680		µg/kg dry	250	5040	BRL	53.2	40-140		
Surrogate: 2-Fluorobiphenyl	*2310*		µg/kg dry		*5040*		*45.8*	*30-130*		
Surrogate: 2-Fluorophenol	*2080*		µg/kg dry		*5040*		*41.3*	*15-110*		
Surrogate: Nitrobenzene-d5	*1550*		µg/kg dry		*5040*		*30.8*	*30-130*		
Surrogate: Phenol-d5	*2010*		µg/kg dry		*5040*		*39.9*	*15-110*		
Surrogate: Terphenyl-dl4	*2300*		µg/kg dry		*5040*		*45.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2320*		µg/kg dry		*5040*		*46.0*	*15-110*		
Matrix Spike Dup (6121440-MSD1) **Source: SA55566-06**										
Prepared: 19-Dec-06 Analyzed: 21-Dec-06										
Acenaphthene	3600		µg/kg dry	249	5040	BRL	71.4	40-140	1.94	30
4-Chloro-3-methylphenol	3160		µg/kg dry	249	5040	BRL	62.7	30-130	3.45	30
2-Chlorophenol	4040		µg/kg dry	249	5040	BRL	80.2	30-130	1.24	30
1,4-Dichlorobenzene	3250		µg/kg dry	249	5040	BRL	64.5	40-140	2.45	30
2,4-Dinitrotoluene	3130		µg/kg dry	249	5040	BRL	62.1	40-140	1.28	30
4-Nitrophenol	2280		µg/kg dry	997	5040	BRL	45.2	30-130	1.32	30
N-Nitrosodi-n-propylamine	3530		µg/kg dry	249	5040	BRL	70.0	40-140	0.285	30
Pentachlorophenol	4730		µg/kg dry	249	5040	BRL	93.8	30-130	1.61	30
Phenol	3990		µg/kg dry	249	5040	BRL	79.2	30-130	0.755	30
Pyrene	3390		µg/kg dry	249	5040	BRL	67.3	40-140	3.36	30
1,2,4-Trichlorobenzene	2570		µg/kg dry	249	5040	BRL	51.0	40-140	4.22	30
Surrogate: 2-Fluorobiphenyl	*2240*		µg/kg dry		*5040*		*44.4*	*30-130*		
Surrogate: 2-Fluorophenol	*2070*		µg/kg dry		*5040*		*41.1*	*15-110*		
Surrogate: Nitrobenzene-d5	*1510*		µg/kg dry		*5040*		*30.0*	*30-130*		
Surrogate: Phenol-d5	*2020*		µg/kg dry		*5040*		*40.1*	*15-110*		
Surrogate: Terphenyl-dl4	*2270*		µg/kg dry		*5040*		*45.0*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2340*		µg/kg dry		*5040*		*46.4*	*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 6121166 - SW846 3005A										
Blank (6121166-BLK1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Arsenic	BRL		mg/l	0.0040						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
LCS (6121166-BS1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Lead	0.492		mg/l	0.0075	0.500		98.4	85-115		
Selenium	0.495		mg/l	0.0150	0.500		99.0	85-115		
Barium	0.544		mg/l	0.0050	0.500		109	85-115		
Silver	0.469		mg/l	0.0050	0.500		93.8	85-115		
Arsenic	0.490		mg/l	0.0040	0.500		98.0	85-115		
Cadmium	0.526		mg/l	0.0025	0.500		105	85-115		
Chromium	0.547		mg/l	0.0050	0.500		109	85-115		
LCS Dup (6121166-BSD1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Selenium	0.524		mg/l	0.0150	0.500		105	85-115	5.69	20
Lead	0.518		mg/l	0.0075	0.500		104	85-115	5.15	20
Arsenic	0.516		mg/l	0.0040	0.500		103	85-115	5.17	20
Cadmium	0.550		mg/l	0.0025	0.500		110	85-115	4.46	20
Barium	0.564		mg/l	0.0050	0.500		113	85-115	3.61	20
Silver	0.488		mg/l	0.0050	0.500		97.6	85-115	3.97	20
Chromium	0.569		mg/l	0.0050	0.500		114	85-115	3.94	20
Duplicate (6121166-DUP1) **Source: SA55591-17**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Lead	0.0032	J	mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Arsenic	BRL		mg/l	0.0040		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Cadmium	0.0012	J	mg/l	0.0025		0.0012			0.00	20
Barium	0.109		mg/l	0.0050		0.111			1.82	20
Chromium	0.0028	J,QR1	mg/l	0.0050		0.0035			22.2	20
Matrix Spike (6121166-MS1) **Source: SA55591-18**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Selenium	0.527		mg/l	0.0150	0.500	BRL	105	75-125		
Lead	0.495		mg/l	0.0075	0.500	0.0058	97.8	75-125		
Chromium	0.548		mg/l	0.0050	0.500	0.0033	109	75-125		
Cadmium	0.530		mg/l	0.0025	0.500	0.0006	106	75-125		
Arsenic	0.528		mg/l	0.0040	0.500	BRL	106	75-125		
Silver	0.499		mg/l	0.0050	0.500	BRL	99.8	75-125		
Barium	0.921		mg/l	0.0050	0.500	0.364	111	75-125		
Matrix Spike Dup (6121166-MSD1) **Source: SA55591-18**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Lead	0.485		mg/l	0.0075	0.500	0.0058	95.8	75-125	2.04	20
Selenium	0.524		mg/l	0.0150	0.500	BRL	105	75-125	0.571	20
Silver	0.497		mg/l	0.0050	0.500	BRL	99.4	75-125	0.402	20
Arsenic	0.520		mg/l	0.0040	0.500	BRL	104	75-125	1.53	20
Cadmium	0.524		mg/l	0.0025	0.500	0.0006	105	75-125	1.14	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 6121166 - SW846 3005A										
Matrix Spike Dup (6121166-MSD1) **Source: SA55591-18**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Barium	0.918		mg/l	0.0050	0.500	0.364	111	75-125	0.326	20
Chromium	0.556		mg/l	0.0050	0.500	0.0033	111	75-125	1.45	20
Post Spike (6121166-PS1) **Source: SA55591-18**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Lead	0.492		mg/l	0.0075	0.500	0.0058	97.2	80-120		
Selenium	0.526		mg/l	0.0150	0.500	BRL	105	80-120		
Arsenic	0.524		mg/l	0.0040	0.500	BRL	105	80-120		
Barium	0.928		mg/l	0.0050	0.500	0.364	113	80-120		
Silver	0.535		mg/l	0.0050	0.500	BRL	107	80-120		
Cadmium	0.530		mg/l	0.0025	0.500	0.0006	106	80-120		
Chromium	0.556		mg/l	0.0050	0.500	0.0033	111	80-120		
Batch 6121171 - EPA200/SW7000 Series										
Blank (6121171-BLK1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	BRL		mg/kg wet	0.0296						
Duplicate (6121171-DUP1) **Source: SA55591-01**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	0.0084	J	mg/kg dry	0.0327		BRL				35
Matrix Spike (6121171-MS1) **Source: SA55591-02**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	0.454		mg/kg dry	0.0382	0.531	BRL	85.5	75-125		
Matrix Spike (6121171-MS2) **Source: SA55591-03**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	0.510		mg/kg dry	0.0415	0.576	BRL	88.5	75-125		
Post Spike (6121171-PS1) **Source: SA55591-02**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	0.482		mg/kg dry	0.0388	0.539	BRL	89.4	75-125		
Reference (6121171-SRM1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	1.49		mg/kg wet	0.0300	1.45		103	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 6121167 - EPA200/SW7000 Series										
Blank (6121167-BLK1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	BRL		mg/l	0.00020						
LCS (6121167-BS1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	0.00234		mg/l	0.00020	0.00250		93.6	80-120		
Duplicate (6121167-DUP1) Source: SA55591-17										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (6121167-MS1) Source: SA55591-18										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	0.00250		mg/l	0.00020	0.00250	BRL	100	75-125		
Matrix Spike Dup (6121167-MSD1) Source: SA55591-18										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	0.00254		mg/l	0.00020	0.00250	BRL	102	75-125	1.59	20
Post Spike (6121167-PS1) Source: SA55591-18										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	0.00243		mg/l	0.00020	0.00250	BRL	97.2	75-125		
Batch 6121170 - EPA 200 Series										
Blank (6121170-BLK1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Silver	BRL		mg/kg wet	1.00						
Selenium	BRL		mg/kg wet	1.50						
Chromium	BRL		mg/kg wet	0.500						
Arsenic	BRL		mg/kg wet	1.50						
Cadmium	BRL		mg/kg wet	0.250						
Lead	BRL		mg/kg wet	0.750						
Barium	BRL		mg/kg wet	0.500						
LCS (6121170-BS1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Silver	124		mg/kg wet	1.00	125		99.2	85-115		
Selenium	125		mg/kg wet	1.50	125		100	85-115		
Cadmium	126		mg/kg wet	0.250	125		101	85-115		
Chromium	132		mg/kg wet	0.500	125		106	85-115		
Arsenic	122		mg/kg wet	1.50	125		97.6	85-115		
Lead	117		mg/kg wet	0.750	125		93.6	85-115		
Barium	133		mg/kg wet	0.500	125		106	85-115		
Duplicate (6121170-DUP1) Source: SA55591-01										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Silver	BRL		mg/kg dry	1.00		BRL				20
Selenium	BRL		mg/kg dry	1.50		BRL				20
Cadmium	0.120	J	mg/kg dry	0.251		0.141			16.1	20
Chromium	8.57		mg/kg dry	0.501		9.54			10.7	20
Arsenic	0.872	J	mg/kg dry	1.50		0.968			10.4	20
Lead	25.8		mg/kg dry	0.752		22.0			15.9	20
Barium	35.5		mg/kg dry	0.501		43.2			19.6	20
Matrix Spike (6121170-MS1) Source: SA55591-02										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Silver	153		mg/kg dry	1.30	162	2.96	92.6	70-130		
Selenium	150		mg/kg dry	1.95	162	BRL	92.6	70-130		

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* Reportable Detection Limit BRL = Below Reporting Limit

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 6121170 - EPA 200 Series										
Matrix Spike (6121170-MS1) **Source: SA55591-02**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Cadmium	139		mg/kg dry	0.325	162	0.115	85.7	70-130		
Arsenic	150		mg/kg dry	1.95	162	2.97	90.8	70-130		
Chromium	178		mg/kg dry	0.649	162	32.1	90.1	70-130		
Lead	161		mg/kg dry	0.974	162	9.66	93.4	70-130		
Barium	357		mg/kg dry	0.649	162	188	104	70-130		
Matrix Spike (6121170-MS2) **Source: SA55591-03**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Silver	141		mg/kg dry	1.18	148	2.91	93.3	70-130		
Selenium	138		mg/kg dry	1.77	148	BRL	93.2	70-130		
Chromium	162		mg/kg dry	0.591	148	31.5	88.2	70-130		
Arsenic	138		mg/kg dry	1.77	148	3.56	90.8	70-130		
Cadmium	127		mg/kg dry	0.296	148	0.270	85.6	70-130		
Lead	151		mg/kg dry	0.887	148	11.1	94.5	70-130		
Barium	331		mg/kg dry	0.591	148	181	101	70-130		
Post Spike (6121170-PS1) **Source: SA55591-02**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Silver	152		mg/kg dry	1.31	163	2.96	91.4	85-115		
Selenium	152		mg/kg dry	1.96	163	BRL	93.3	85-115		
Chromium	175		mg/kg dry	0.653	163	32.1	87.7	85-115		
Cadmium	139		mg/kg dry	0.327	163	0.115	85.2	85-115		
Arsenic	150		mg/kg dry	1.96	163	2.97	90.2	85-115		
Lead	161		mg/kg dry	0.980	163	9.66	92.8	85-115		
Barium	345		mg/kg dry	0.653	163	188	96.3	85-115		
Reference (6121170-SRM1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Silver	46.8		mg/kg wet	1.00	48.7		96.1	66.3-133.3		
Selenium	70.3		mg/kg wet	1.50	69.4		101	77.5-122.5		
Arsenic	72.8		mg/kg wet	1.50	75.9		95.9	76.8-123.2		
Cadmium	46.0		mg/kg wet	0.250	47.9		96.0	80.1-119.6		
Chromium	61.2		mg/kg wet	0.500	60.3		101	80.5-119.2		
Lead	55.0		mg/kg wet	0.750	60.3		91.2	78.4-120.8		
Barium	135		mg/kg wet	0.500	137		98.5	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 6121487 - SW846 3010A										
Blank (6121487-BLK1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Chromium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0100						
Arsenic	BRL		mg/l	0.0150						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
LCS (6121487-BS1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Selenium	1.21		mg/l	0.0150	1.25		96.8	67.3-113		
Lead	1.32		mg/l	0.0075	1.25		106	72.8-111		
Silver	1.22		mg/l	0.0100	1.25		97.6	56.1-118		
Arsenic	1.33		mg/l	0.0150	1.25		106	68.7-111		
Cadmium	1.28		mg/l	0.0025	1.25		102	71.8-121		
Chromium	1.28		mg/l	0.0050	1.25		102	72-119		
Barium	1.41		mg/l	0.0050	1.25		113	77.1-125		
LCS Dup (6121487-BSD1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Lead	1.30		mg/l	0.0075	1.25		104	72.8-111	1.53	20
Selenium	1.19		mg/l	0.0150	1.25		95.2	67.3-113	1.67	20
Chromium	1.27		mg/l	0.0050	1.25		102	72-119	0.784	20
Arsenic	1.30		mg/l	0.0150	1.25		104	68.7-111	2.28	20
Cadmium	1.26		mg/l	0.0025	1.25		101	71.8-121	1.57	20
Silver	1.20		mg/l	0.0100	1.25		96.0	56.1-118	1.65	20
Barium	1.40		mg/l	0.0050	1.25		112	77.1-125	0.712	20
Duplicate (6121487-DUP1) **Source: SA55591-16**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Lead	0.193	QR6	mg/l	0.0075		0.0230			157	20
Selenium	BRL		mg/l	0.0150		BRL				20
Chromium	0.0047	J	mg/l	0.0050		0.0057			19.2	20
Cadmium	0.0070	QR1	mg/l	0.0025		0.0003			184	20
Silver	BRL		mg/l	0.0100		BRL				20
Arsenic	0.0120	J,QR1	mg/l	0.0150		0.0058			69.7	20
Barium	2.22	QR6	mg/l	0.0050		0.0584			190	20
Matrix Spike (6121487-MS1) **Source: SA55591-01**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Selenium	1.22		mg/l	0.0150	1.25	BRL	97.6	73-113		
Lead	1.31		mg/l	0.0075	1.25	0.0763	98.7	81-107		
Silver	1.22		mg/l	0.0100	1.25	BRL	97.6	63.7-113		
Chromium	1.26		mg/l	0.0050	1.25	0.0037	101	83.1-112		
Cadmium	1.25		mg/l	0.0025	1.25	0.0031	99.8	81.1-115		
Arsenic	1.31		mg/l	0.0150	1.25	BRL	105	76.7-109		
Barium	2.94		mg/l	0.0050	1.25	1.59	108	85.6-121		
Matrix Spike Dup (6121487-MSD1) **Source: SA55591-01**										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Selenium	1.22		mg/l	0.0150	1.25	BRL	97.6	73-113	0.00	35
Lead	1.32		mg/l	0.0075	1.25	0.0763	99.5	81-107	0.760	20
Chromium	1.26		mg/l	0.0050	1.25	0.0037	101	83.1-112	0.00	35
Silver	1.21		mg/l	0.0100	1.25	BRL	96.8	63.7-113	0.823	35
Arsenic	1.32		mg/l	0.0150	1.25	BRL	106	76.7-109	0.760	35

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 6121487 - SW846 3010A										
Matrix Spike Dup (6121487-MSD1) Source: SA55591-01										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Cadmium	1.25		mg/l	0.0025	1.25	0.0031	99.8	81.1-115	0.00	35
Barium	2.96		mg/l	0.0050	1.25	1.59	110	85.6-121	0.678	35
Post Spike (6121487-PS1) Source: SA55591-01										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Selenium	1.23		mg/l	0.0150	1.25	BRL	98.4	80-120		
Lead	1.42		mg/l	0.0075	1.25	0.0763	107	80-120		
Chromium	1.27		mg/l	0.0050	1.25	0.0037	101	80-120		
Cadmium	1.27		mg/l	0.0025	1.25	0.0031	101	80-120		
Arsenic	1.33		mg/l	0.0150	1.25	BRL	106	80-120		
Barium	3.01		mg/l	0.0050	1.25	1.59	114	80-120		
Batch 6121489 - EPA200/SW7000 Series										
Blank (6121489-BLK1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	BRL		mg/l	0.00040						
LCS (6121489-BS1)										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	0.00229		mg/l	0.00040	0.00250		91.6	65.5-119		
Duplicate (6121489-DUP1) Source: SA55591-16										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	BRL		mg/l	0.00040		BRL				35
Matrix Spike (6121489-MS1) Source: SA55591-01										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	0.00225		mg/l	0.00040	0.00250	BRL	90.0	62.8-125		
Matrix Spike Dup (6121489-MSD1) Source: SA55591-01										
Prepared: 19-Dec-06 Analyzed: 20-Dec-06										
Mercury	0.00226		mg/l	0.00040	0.00250	BRL	90.4	62.8-125	0.443	35
Post Spike (6121489-PS1) Source: SA55591-01										
Prepared: 19-Dec-06 Analyzed: 20-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 6121403 - General Preparation										
Duplicate (6121403-DUP1) Source: SA55517-01										
Prepared & Analyzed: 18-Dec-06										
% Solids	86.1		%			82.2			4.63	20

Notes and Definitions

*TPH	Calculated as
__RE	Reanalysis for data confirmation.
Comp	Completed
E	The concentration indicated for this analyte is an estimated value. This value is considered an estimate (CLP E-flag).
FP	Field Preserved
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
R02	Elevated Reporting Limits due to limited sample volume.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
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 - W. Hartford, CT	Busway - W. Hartford, CT/ 171-305
This Form Provides certifications for the following data set: SA55591-01 SA55591-11 SA55591-21 SA55591-02 SA55591-12 SA55591-03 SA55591-13 SA55591-04 SA55591-14 SA55591-05 SA55591-15 SA55591-06 SA55591-16 SA55591-07 SA55591-17 SA55591-08 SA55591-18 SA55591-09 SA55591-19 SA55591-10 SA55591-20	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 6: 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: 12/21/2006

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

* Reportable Detection Limit BRL = Below Reporting Limit

SA55541 mz

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 3

IW #601 8128

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

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

Invoice To: CTDOT - DAS Contract
c/o LES
RUSH ORDER # 1529
P.O. No.: RQN:

Project No.: 171-305
Site Name: Busway - Elmwood Station
Location: W. Hartford State: CT
Sampler(s): C. Knight / C. Crisenolo

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

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

G=Grab C=Composite

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

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

State specific reporting standards: CTDEP GB PMC + RDEC

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs - 8260	CT ETPH	SVOCs - 8270	8081A / 8082 Pesticides + PCBs	Total RCRA 8 Metals	SPLP RCRA 8 metals		
SA55591-01	646-1 2'-4'	12-13-06		C	SO		3	1				X	X	X	X	X	X		
02	646-2 2'-4'																		
03	646-2 4'-8'																		
04	646-3 2'-4'																		
05	646-4 2'-4'																		
06	646-4 4'-8'																		
07	646-5 2'-4'																		
08	646-5 8'-12'																		
09	646-6 2'-4'																		
10	646-7 2'-4'																		

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

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 1

Relinquished by:	Received by:	Date:	Time:
[signature]	IW Coulon	12/14/06	1024
[signature]	[signature]	12/14/06	1528

SA55591

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 3

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
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Report To: C. Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: D. Stock - MGI

Invoice To: CTDOT - DAS Contract
c/o LES
RUSH ORDER # 1529
P.O. No.: _____ RQN: _____

Project No.: 171-305
Site Name: Busway - Elmwood Station
Location: W. Hartford State: CT
Sampler(s): C. Knight / C. Crescuolo

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

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 + RIDEC SWPC

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs - 8260	CT ETPH	SVOCs - 8270	Pesticides + PCBs 8081A / 8082	Total RCRA 8 Metals	SPLP RCRA 8 Metals
SA55591-11	646-8 4-8'	12-13-06		C	SO		3	1			X	X	X	X	X	X
12	646-9 2-4'															X
13	646-9 4-8'															X
14	646-10 2-4'															X
15	646-10 4-8'															X
16	646-11 2-4'															X
17	MW-1			G	GW			4		1						
18	MW-2			G	GW			4		1						
19	MW-3			G	GW			4		1						
20	FB-1				X1			4		1						

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

Condition upon receipt: ~~☐ Iced~~ ☐ Ambient ~~☐ °C~~ 1

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12/14/06	1024
[signature]	[signature]	12/14/06	1528

SAS5591

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 3

Special Handling:
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LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: D. Stock - MOI

Invoice To: CTDOT - DAS Contract
c/o LES
RUSH ORDER # 1529
P.O. No.: _____ RQN: _____

Project No.: 171-305
Site Name: Busway - Elmwood Station
Location: W. Hartford State: CT
Sampler(s): C. Knight / C. Crescenzo

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

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 GWPA SWPC

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		Analyses: VOCs - 8260							
SAS5591-21	TB-1	12-13-06			X		1					X							

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

Condition upon receipt: ☐ ~~Iced~~ ☐ Ambient ☑ °C 1

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12/14/06	1024
[signature]	[signature]	12/14/06	1528