TASK 210:
SUBSURFACE SITE INVESTIGATION

New Haven Rail Yard
Temporary M-8 Acceptance Facility
New Haven, Connecticut

Volume 1

ConnDOT Assignment No. 202-3464
ConnDOT Project No. 301-88

Prepared for:

State of Connecticut
Department of Transportation
Newington, Connecticut 06131

Prepared by:

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

April 24, 2007

TABLE OF CONTENTS

		Page #
1.0	INTRODUCTION	1
2.0	SITE DESCRIPTION	1
3.0	LOCAL ENVIRONMENT & RECEPTORS	9
3.1	Groundwater	9
3.2	Surface Water	10
3.3	Geology	10
4.0	SUBSURFACE INVESTIGATION	10
4.1	Geoprobe® Soil Borings & Soil Sample Analyses	11
4.2	Ballast Grab Sample Collection & Analyses	12
4.3	Railroad Tie Grab Sample Collection & Analyses	12
4.4	Groundwater Grab Sample Collection & Analyses	12
4.5	Project Quality Assurance/Quality Control Practices	13
5.0	DISCUSSION OF SAMPLE RESULTS	14
5.1	Regulatory Criteria	14
5.2	Results of Geoprobe® Boring Soil Sample Analyses	16
5.3	Results of Ballast Grab Sample Analyses	20
5.4	Results of Railroad Tie Grab Sample Analyses	21
5.5	Results of Groundwater Grab Sample Analyses	22
5.6	Quality Assurance/Quality Control Samples	23
6.0	DISCUSSION OF AFFECTED RESOURCES	24
6.1	Soil Areas of Environmental Concern	24
6.2	Railroad Tie Area of Environmental Concern	26
6.3	Groundwater Area of Environmental Concern	26
7.0	RECOMMENDATIONS	27
8.0	LIMITATIONS	28

Figures

Figure 1 - Site Location Plan 2

TABLE OF CONTENTS (continued)

Figures (continued) *Page #*

Figure 2a – Task 210 Project Area & Sampling Locations 3

Figure 2b – Task 210 Project Area & Sampling Locations 4

Figure 2c – Task 210 Project Area & Sampling Locations 5

Figure 2d – Task 210 Project Area & Sampling Locations 6

Figure 2e – Task 210 Project Area & Sampling Locations 7

Figure 2f – Task 210 Project Area & Sampling Locations 8

Tables

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

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

Table 3 Results of Railroad Tie Grab Sample Analyses

Table 4(a) & 4(b) Results of Groundwater Grab Sample Analyses

Appendices

Appendix A Boring Logs (Volume 1)

Appendix B Tables from MGI's 2005 Interim Shop (Running Repair Shop) Task 210 Investigation (Volume 1)

Appendix C Soil Sample Laboratory Reports (Volume2)

Appendix D Ballast Sample Laboratory Reports (Volume 2)

Appendix E Railroad Tie Sample Laboratory Reports (Volume 3)

Appendix F Groundwater Sample Laboratory Reports (Volume 3)

Appendix G QA/QC Sample Laboratory Reports (Volume 3)

1.0 INTRODUCTION

On behalf of the Connecticut Department of Transportation (ConnDOT), Maguire Group Inc. (MGI) has conducted a Task 210 - Subsurface Site Investigation in association with the New Haven Rail Yard Temporary M-8 Acceptance Facility project in New Haven, Connecticut. The project will involve the construction of an acceptance area for the new M-8 rail cars and will be located to the east and southeast of the existing EMU Shop building. Figure 1 depicts the project area.

This Task 210 - Subsurface Site Investigation was conducted in areas of anticipated construction activities for the New Haven Rail Yard Temporary M-8 Acceptance Facility project. The purpose of the Task 210 - Subsurface Site Investigation was to verify the absence or presence and location of subsurface contamination, and to assess the potential pollutant impacts to be encountered during construction. It is anticipated that Task 310 Plans and Specifications will subsequently be prepared to assess construction related activities (i.e. proper storage, classification, transport and disposal of contaminated materials), in relationship to the environmental conditions prevalent within the project limits, as well as to specify remedial work to be included in the Contract Bid Documents.

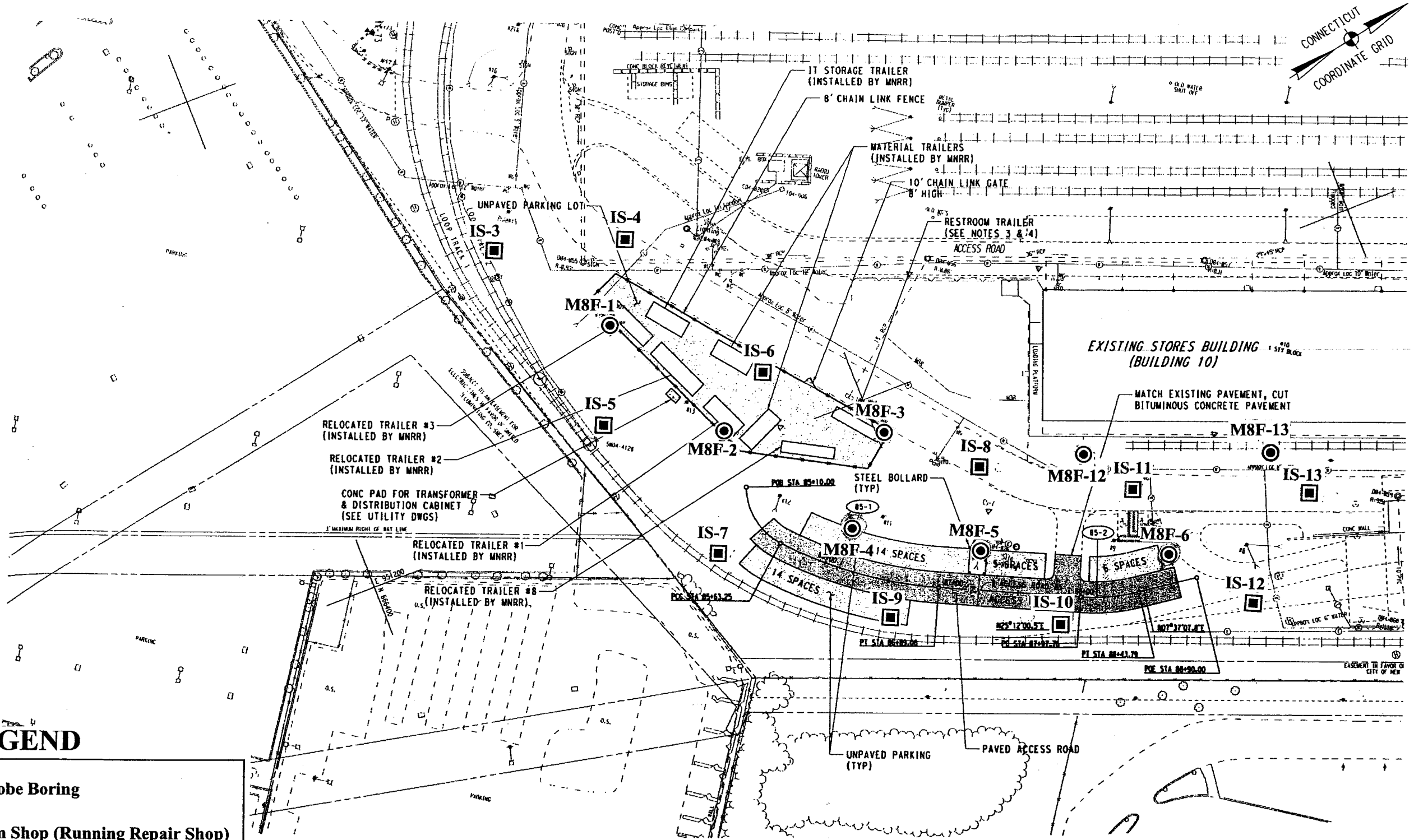
2.0 SITE DESCRIPTION

This Task 210 - Subsurface Site Investigation was conducted at the New Haven Rail Yard in the area of the proposed Temporary M-8 Acceptance Facility. The proposed Temporary M-8 Acceptance area will be constructed to the east and southeast of the existing EMU Shop building on land owned by the State of Connecticut Department of Transportation. The site area is depicted in Figures 2a through 2f -Task 210 Project Area & Sampling Locations.

FIGURE 1 - Site Location Plan

New Haven Rail Yard Temporary M-8 Acceptance Facility

New Haven, Connecticut



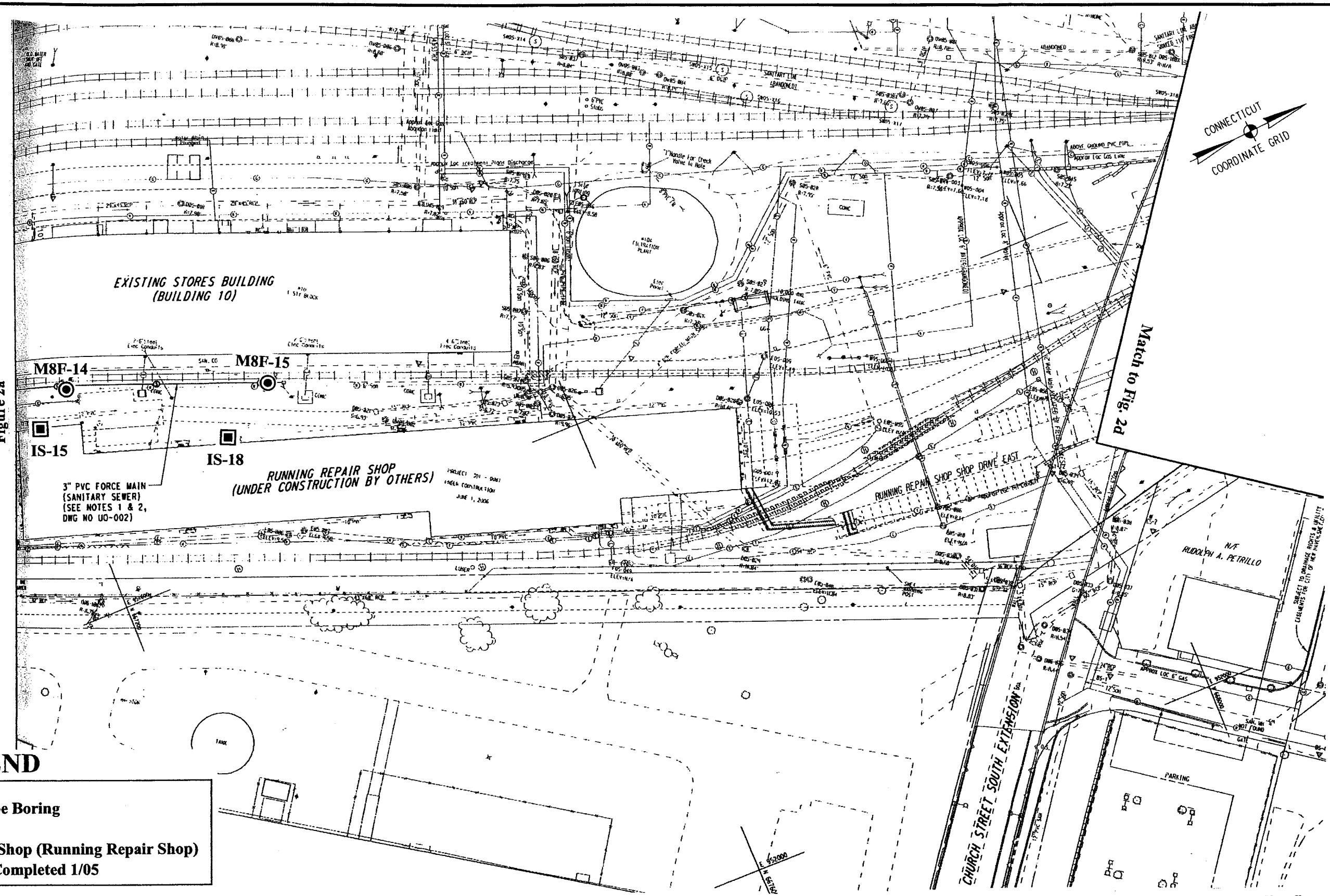
LEGEND

◉ M8F	= Geoprobe Boring
▣ IS	= Interim Shop (Running Repair Shop) Boring Completed 1/05

SCALE IN FEET
0 40 80

Figure 2a - Task 210 Project Area & Sampling Locations
New Haven Rail Yard Temporary M-8 Acceptance Facility
New Haven, Connecticut

Figure 2a

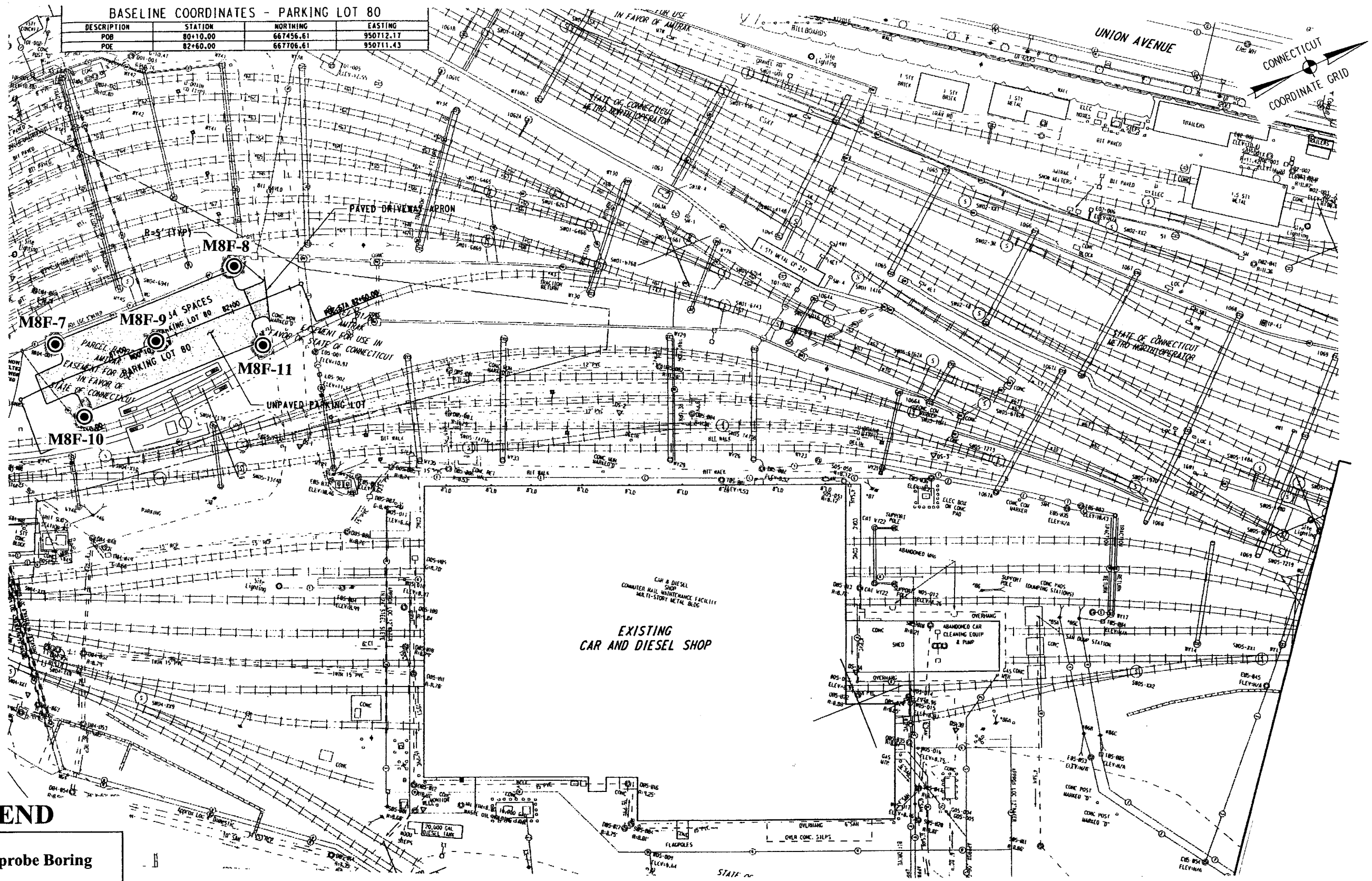


LEGEND

- M8F = Geoprobe Boring
- IS = Interim Shop (Running Repair Shop) Boring Completed 1/05

SCALE IN FEET
0 40 80

Figure 2b - Task 210 Project Area & Sampling Locations
New Haven Rail Yard Temporary M-8 Acceptance Facility
New Haven, Connecticut



LEGEND

◉ M8F = Geoprobe Boring

Figure 2c - Task 210 Project Area & Sampling Locations
New Haven Rail Yard Temporary M-8 Acceptance Facility
New Haven, Connecticut

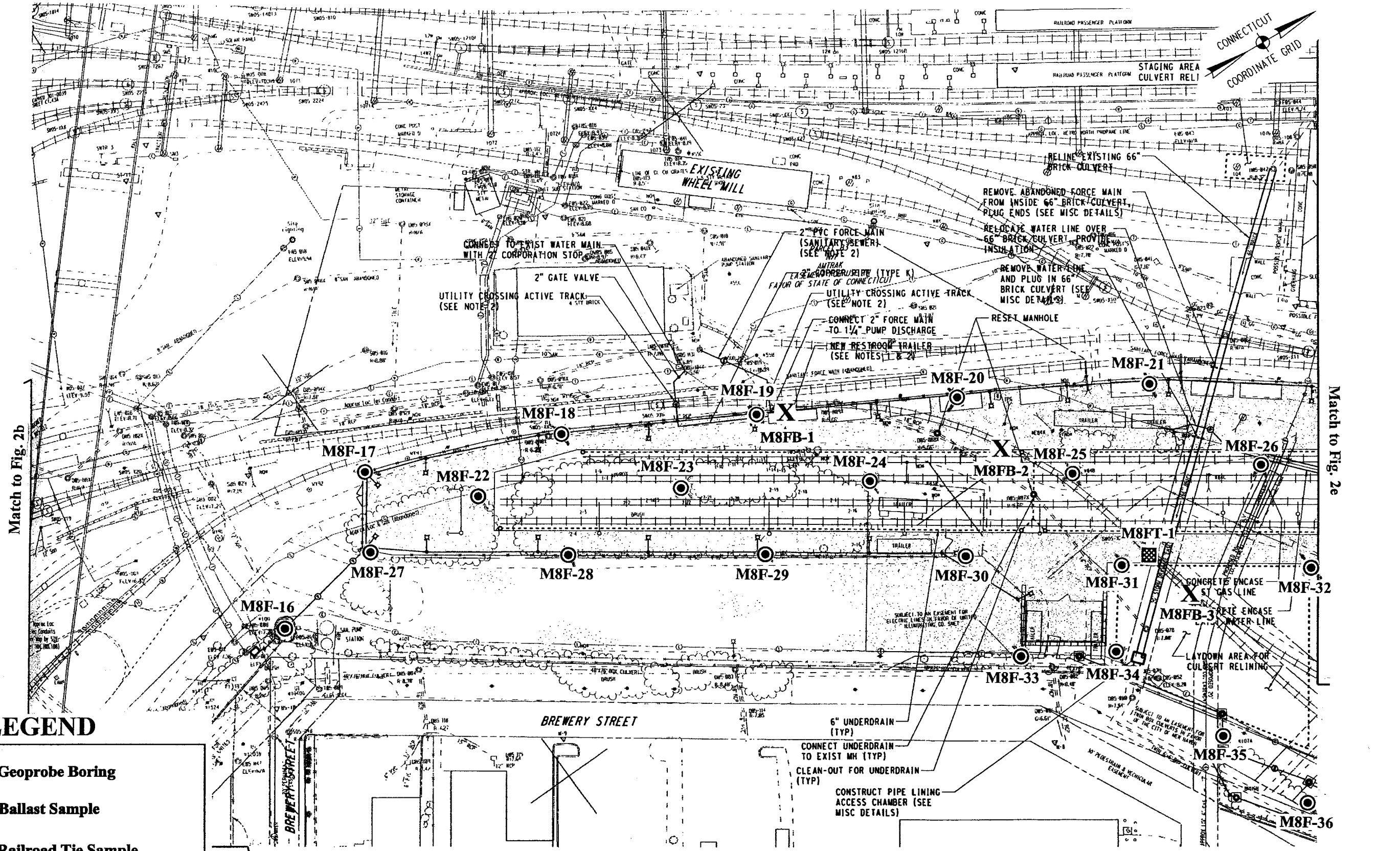


Figure 2d - Task 210 Project Area & Sampling Locations
New Haven Rail Yard Temporary M-8 Acceptance Facility
New Haven, Connecticut

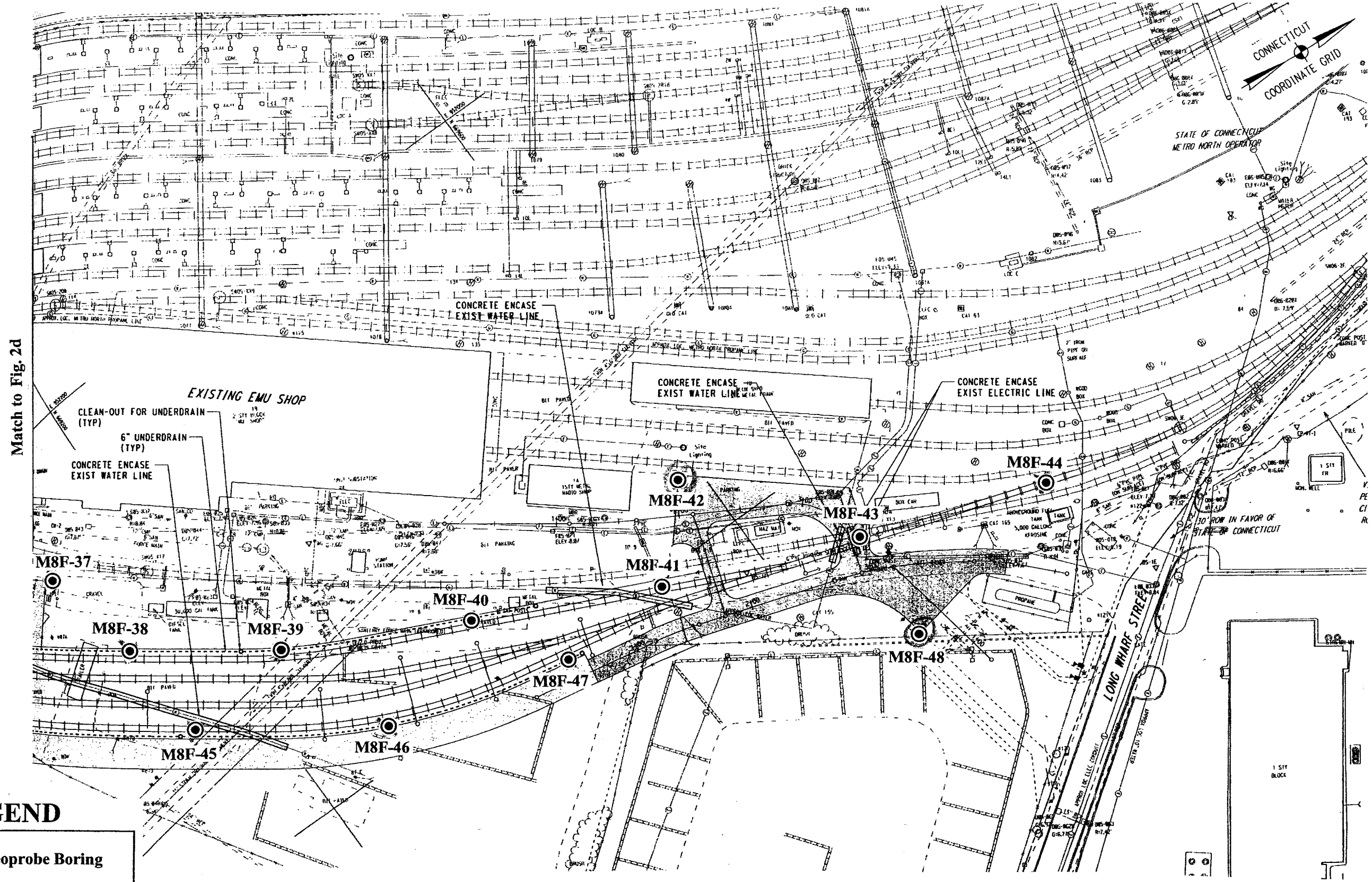
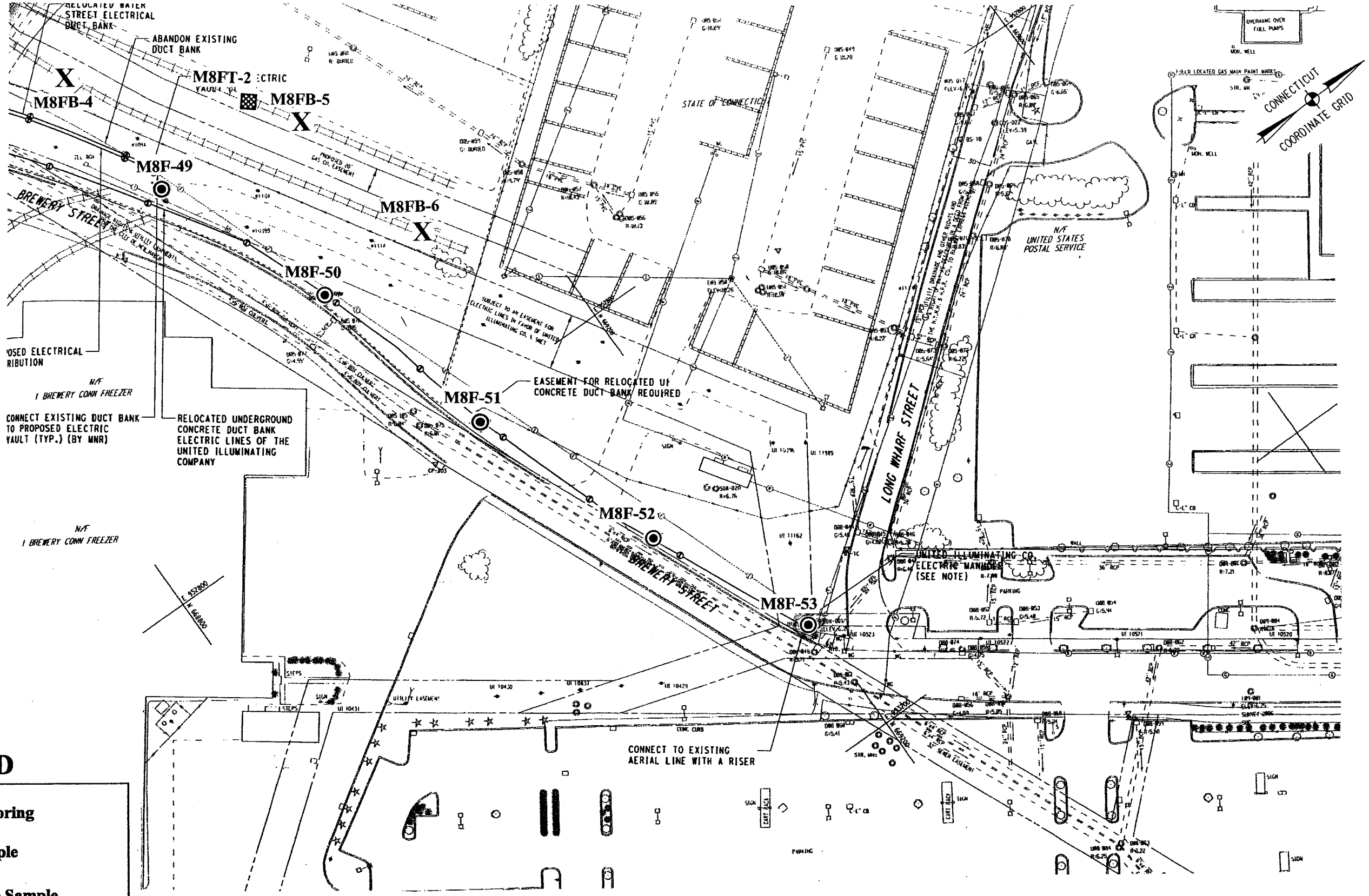


Figure 2e - Task 210 Project Area & Sampling Locations
New Haven Rail Yard Temporary M-8 Acceptance Facility
New Haven, Connecticut

Match to Fig. 2d



LEGEND

- ◉ M8F = Geoprobe Boring
- X M8FB = Ballast Sample
- ▩ M8FT = Railroad Tie Sample

SCALE IN FEET
0 40 80

Figure 2f - Task 210 Project Area & Sampling Locations
New Haven Rail Yard Temporary M-8 Acceptance Facility
New Haven, Connecticut

Numerous environmental investigations completed at the New Haven Rail Yard property have indicated the widespread presence of total petroleum hydrocarbons, volatile organic compounds, polycyclic aromatic hydrocarbons (PAHs), and RCRA 8 metals contamination, as well as isolated occurrences of polychlorinated biphenyls (PCBs) in on-site soils and groundwater. The contaminated soil has been encountered at depths ranging from the surface (0) to approximately eight (8) feet below the ground surface. The soil and groundwater contamination detected exceeded the applicable Connecticut Department of Environmental Protection Remediation Standard Regulations. In addition, the concentrations of leachable lead previously detected in on-site soils at the site have exceeded the RCRA hazardous waste concentration in isolated areas.

3.0 LOCAL ENVIRONMENT & RECEPTORS

3.1 Groundwater

The 2005 edition of "Environmental GIS Data for Connecticut" provided by the CTDEP, depicts the groundwater classification for the area as "GB." A "GB" groundwater classification indicates that the groundwater has been adversely impacted by waste discharges, spills or leaks of chemicals, or land use impacts. The groundwater is not suitable for direct human consumption without the need for treatment and a public water supply source is available. Groundwater was encountered at the site at depths ranging from approximately 4 to 6 feet below the ground surface. The New Haven Rail Yard and its surrounding properties are all connected to the South Central Regional Water Company's public water distribution system and the City of New Haven sewer system. In addition, there are no public water supply sources within a one-mile radius of the Site, according to the CTDEP Bulletin 4, "The Atlas of the Public Water Supply Sources and Drainage Basins of Connecticut," June, 1982.

3.2 Surface Water

There are no surface water bodies situated on the New Haven Rail Yard property. The project area is located within the South Central Shoreline Regional Drainage Basin, within the South Central Coast Major Drainage Basin. The general topography of the site is relatively flat. Based upon previous investigations conducted at the site, the inferred direction of groundwater flow is south/southeast, towards Long Island Sound. Long Island Sound is located approximately ½ mile southeast of the New Haven Rail Yard.

3.3 Geology

The 2005 edition of "Environmental GIS Data for Connecticut" provided by the CTDEP, depicts the surficial materials at the site as Artificial Fill, which is described as earth materials and manmade materials that have been artificially placed. Soil encountered during this investigation consisted of brown to red-brown sand units, and fill comprised of black ash and cinders. The Bedrock Geological Map of Connecticut, compiled by John Rodgers in 1985, indicates that the bedrock unit underlying the site area is the New Haven Arkose, which is a red-brown arkosic sandstone. Bedrock was not encountered during this investigation.

4.0 SUBSURFACE INVESTIGATION

Due to the contaminants previously detected in the soil and groundwater on the New Haven Rail Yard property, a comprehensive sampling program was conducted within the proposed construction areas to be impacted by the Temporary M-8 Acceptance Facility project. The following subsections detail the investigation.

4.1 Geoprobe® Soil Borings & Soil Sample Analyses

On March 15, 19, 21, and 26, 2007, fifty-three (53) Geoprobe® soil borings (M8F-1 to M8F-53) were advanced in areas of anticipated construction activities for the Temporary M-8 Acceptance Facility. The Geoprobe® borings were advanced by Logical Environmental Solutions, under the direction of MGI. The locations of the Geoprobe® soil borings are depicted on Figures 2a to 2f - Task 210 Project Area & Sampling Locations.

The Geoprobe® soil borings were advanced to a depth of 8 feet below grade. Continuous soil samples were collected 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 A.

Based upon field screening results and visual observations, one soil sample from each boring was placed in glassware supplied by Spectrum Analytical Laboratory, and stored in an ice-filled cooler. The shallow soil sample (2' to 4' below grade) was selected for laboratory analyses if field screening and visual observation did not indicate the presence of contaminants in the other sample intervals. The analyses for each soil sample included volatile organic compounds (VOCs) utilizing EPA Method 8260, semi-volatile organic compounds (SVOCs) utilizing EPA Method 8270, petroleum hydrocarbons utilizing the Connecticut ETPH method, pesticides utilizing EPA Method 8081A, polychlorinated biphenyls (PCBs) utilizing EPA Method 8082, and total and SPLP RCRA 8 metals.

All Geoprobe® soil borings were back-filled upon completion utilizing clean sand and/or hydrated bentonite. All down-hole sampling equipment was decontaminated in accordance with MGI's February 2007 Task 210 - Subsurface Site Investigation Work Plan.

4.2 Ballast Grab Sample Collection & Analyses

Six (6) ballast grab samples were collected from selected locations where existing tracks will be removed. The ballast grab samples were placed in glassware supplied by Spectrum Analytical Laboratory, and stored in an ice-filled cooler. The analyses for each ballast grab sample included VOCs (EPA Method 8260), BNAs (EPA Method 8270), petroleum hydrocarbons (Connecticut ETPH), pesticides (EPA Method 8081A), PCBs (EPA Method 8082), and total and SPLP RCRA 8 metals. The locations of the ballast sample points (M8FB-1 through M8FB-6) are depicted on Figures 2d and 2f – Task 210 Project Area & Sampling Locations.

4.3 Railroad Tie Grab Sample Collection & Analyses

Two (2) composite railroad tie wood grab samples were collected at selected locations where existing tracks will be removed so that specifications regarding handling and disposal of the material can be provided. The railroad tie wood grab samples were placed in glassware supplied by Spectrum Analytical Laboratory, and stored in an ice-filled cooler. The analyses for each wood sample included VOCs (EPA Method 8260), SVOCs (EPA Method 8270), petroleum hydrocarbons (Connecticut ETPH), pesticides (EPA Method 8081A), PCBs (EPA Method 8082), and total and TCLP RCRA 8 metals. The locations of the railroad tie sample points (M8FT-1 and M8FT-2) are depicted on Figures 2d and 2f – Task 210 Project Area & Sampling Locations.

4.4 Groundwater Grab Sample Collection & Analyses

Groundwater grab samples were collected from borings M8F-14, M8F-24, M8F-42, and M8F-50. The groundwater grab samples were collected by inserting one-half inch diameter, schedule 40, 10-slot, PVC well screen and riser casing into the borehole. The 5-foot section of well screen was temporarily installed approximately 4 feet into the observed water table depth. Dedicated polyethylene tubing was placed into the temporary well and the groundwater sample was drawn through the tubing using a low-flow peristaltic pump.

The groundwater samples were collected for laboratory analysis of VOCs (EPA Method 8260), SVOCs (EPA Method 8270), petroleum hydrocarbons (Connecticut ETPH), pesticides (EPA Method 8081A), PCBs (EPA Method 8082), and total RCRA 8 metals. The groundwater samples were placed in laboratory-supplied glassware, and stored in an ice-filled cooler.

4.5 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. Four (4) trip blank samples (TB-1 through TB-4) were prepared by Spectrum Analytical Laboratory and four (4) field blank samples (FB-1 through FB-4) were collected in the field one on each day of sampling.

The trip blank samples were stored with the daily samples in the sample cooler until subsequent delivery to the laboratory for analysis of VOCs. The FB-1 and FB-3 field blank water samples were collected by pouring laboratory supplied de-ionized water through an acetate liner and macro-core cutting shoe, and collecting the rinsate in appropriate sample containers. The FB-2 and FB-4 field blank samples were collected by directly pouring the laboratory supplied de-ionized water into the appropriate sample containers to check the quality of the de-ionized water, glassware, and laboratory sample handling and analytical procedures. The field blank samples were stored with the daily samples in the cooler until delivery to the laboratory, and were analyzed for the same parameters as the daily samples.

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 impact the integrity of the samples.

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, 5.3, 5.4, and 5.5 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 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 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 4 feet below the ground surface, 2 feet below pavement greater than 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 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 project area is situated within 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 groundwater samples collected for this investigation.

Groundwater Protection Criteria

The purpose of the GPC 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 project area is situated in a GB groundwater area, the GPC do not apply to this Site.

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 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 within 15 feet of the ground surface, the Volatilization Criteria apply to this Site.

Surface Water Protection Criteria

The purpose of the SWPC standards is to ensure that groundwater discharging to a surface water body will not adversely affect surface water quality. Since groundwater likely discharges to Long Island Sound, the SWPC apply to contaminants detected in the groundwater.

5.2 Results of Geoprobe® Boring 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 soil samples are presented in Tables 1(a) to 1(n), 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.

Petroleum hydrocarbons were detected in the soil samples at concentrations ranging from Below Reporting Limits (BRL) to 8,510 parts per million (ppm). The following fifteen (15) soil samples contained TPH at concentrations that exceed the CTDEP Residential DEC of 500 ppm: M8F-7, 2' to 4' (5,070 ppm); M8F-8, 2' to 4' (3,020 ppm); M8F-9, 2' to 4' (2,450 ppm); M8F-10, 2' to 4' (2,660 ppm); M8F-13, 2' to 4' (899 ppm); M8F-17, 4' to 6' (8,510 ppm), M8F-19, 2' to 4' (3,260 ppm); M8F-23, 2' to 4' (554 ppm); M8F-28, 2' to 4' (932 ppm); M8F-35, 2' to 4' (2,480 ppm); M8F-40, 2' to 4' (797 ppm), M8F-41, 4' to 6' (728 ppm); M8F-42, 2' to 4' (776 ppm); M8F-46, 2' to 4' (1,150 ppm); and M8F-47, 2' to 4' (1,310 ppm). The petroleum hydrocarbon concentration detected in the M8F-7, 2' to 4', M8F-8, 2' to 4', M8F-10, 2' to 4', M8F-17, 4' to 6', and M8F-19, 2' to 4' samples also exceed the Commercial/Industrial DEC of 2,500 ppm. No other sample contained petroleum hydrocarbons at concentrations that exceed any applicable CTDEP RSR criteria.

The VOCs benzene, ethylbenzene, isopropylbenzene, naphthalene, n-propylbenzene, styrene, tetrachloroethene, toluene, 1,2,4-trichloroethene, and total xylenes were detected at varying concentrations in the soil samples collected from borings M8F-5, M8F-14, M8F-15, M8F-17,

M8F-19, M8F-24, M8F-29, M8F-31, M8F-38, M8F-39, M8F-40, M8F-42, M8F-45, and M8F-47. The 2 to 4 foot sample collected from boring M8F-14 contained the VOC benzene (1.52 ppm) at a concentration that exceeds its GB PMC of 0.2 ppm. No other soil sample contained VOCs at concentrations that exceed any applicable CTDEP RSR criteria.

Various concentrations of SVOCs were detected in the soil samples, and total SVOC concentrations ranged from BRL to 289.93 ppm. Twelve (12) soil samples contained concentrations of SVOCs that exceed applicable CTDEP RSR Criteria. The 2 to 4 foot sample from boring M8F-1 contained the compounds benzo(a)anthracene (1.12 ppm), benzo(a)pyrene (1.09 ppm), benzo(b)fluoranthene (1.12 ppm), benzo(k)fluoranthene (1.16 ppm), and chrysene (1.38 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene were detected at concentrations that exceed their respective Residential DEC. The compound benzo(a)pyrene was detected at a concentration that also exceeds its Commercial/Industrial DEC.

The 2 to 4 foot sample from boring M8F-7 contained the compounds benzo(a)anthracene (3.85 ppm) and chrysene (4.9 ppm) at concentrations that exceed their respective GB PMC. In addition, the compound benzo(a)anthracene was detected at a concentration that exceeds its Residential DEC.

The 2 to 4 foot sample from boring M8F-8 contained the compounds benzo(a)anthracene (1.74 ppm) and chrysene (2.17 ppm) at concentrations that exceed their respective GB PMC. In addition, the compound benzo(a)anthracene was detected at a concentration that exceeds its Residential DEC.

The 2 to 4 foot sample from boring M8F-9 contained the compounds benzo(a)anthracene (1.7 ppm) and chrysene (2.27 ppm) at concentrations that exceed their respective GB PMC. In addition, the compound benzo(a)anthracene was detected at a concentration that exceeds its Residential DEC.

The 2 to 4 foot sample from boring M8F-14 contained the compounds benzo(a)anthracene (1.51 ppm), benzo(a)pyrene (1.89 ppm), benzo(b)fluoranthene (1.86 ppm), benzo(k)fluoranthene (2.03 ppm), and chrysene (1.84 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene were detected at concentrations that exceed their respective Residential DEC. The compound benzo(a)pyrene was detected at a concentration that also exceeds its Commercial/Industrial DEC.

The 2 to 4 foot sample from boring M8F-17 contained the compounds benzo(b)fluoranthene (1.14 ppm) and chrysene (1.37 ppm) at concentrations that exceed their respective GB PMC. In addition, the compound benzo(b)fluoranthene was detected at a concentration that exceeds its Residential DEC.

The 2 to 4 foot sample from boring M8F-23 contained the compounds benzo(b)fluoranthene (1.37 ppm), benzo(k)fluoranthene (1.18 ppm), and chrysene (1.09 ppm) at concentrations that exceed their respective GB PMC. In addition, the compound benzo(b)fluoranthene was detected at a concentration that exceeds its Residential DEC.

The 2 to 4 foot sample from boring M8F-25 contained the compound chrysene (1.18 ppm) at a concentration that exceeds its GB PMC.

The 2 to 4 foot sample from boring M8F-31 contained the compounds benzo(a)pyrene (1.2 ppm), benzo(b)fluoranthene (1.02 ppm), benzo(k)fluoranthene (1.16 ppm), and chrysene (1.39 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)pyrene and benzo(b)fluoranthene were detected at concentrations that exceed their respective Residential DEC. The compound benzo(a)pyrene was detected at a concentration that also exceeds its Commercial/Industrial DEC.

The 2 to 4 foot sample from boring M8F-35 contained the compounds benzo(a)anthracene (28.0 ppm), benzo(a)pyrene (28.2 ppm), benzo(b)fluoranthene (29.2 ppm), benzo(k)fluoranthene (36.3 ppm), chrysene (33.8 ppm), indeno(1,2,3-cd)pyrene (12.7 ppm), and pyrene (58.5 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds

benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, and indeno(1,2,3-cd)pyrene were detected at concentrations that exceed their respective Residential DEC. The compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene were detected at concentrations that also exceeds their respective Commercial/Industrial DEC.

The 2 to 4 foot sample from boring M8F-37 contained the compounds benzo(a)anthracene (2.47 ppm), benzo(a)pyrene (2.15 ppm), benzo(b)fluoranthene (2.61 ppm), benzo(k)fluoranthene (2.47 ppm), and chrysene (3.37 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene were detected at concentrations that exceed their respective Residential DEC. The compound benzo(a)pyrene was detected at a concentration that also exceeds its Commercial/Industrial DEC.

The 4 to 6 foot sample from boring M8F-41 contained the compounds benzo(a)anthracene (1.41 ppm), benzo(a)pyrene (1.27 ppm), benzo(b)fluoranthene (1.67 ppm), benzo(k)fluoranthene (1.84 ppm), and chrysene (2.18 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene were detected at concentrations that exceed their respective Residential DEC. The compound benzo(a)pyrene was detected at a concentration that also exceeds its Commercial/Industrial DEC.

The pesticides 4,4-DDD, 4,4-DDE, 4,4-DDT, a-chlordane, g-chlordane, and dieldrin were detected at varying concentrations in the M8F-4, M8F-21, and M8F-35 soil samples. The 2 to 4 foot sample from boring M8F-35 contained the pesticide dieldrin (0.0625 ppm) at a concentration that exceeds its the GB PMC of 0.007 ppm and Residential DEC of 0.038 ppm. No other pesticides were detected at concentrations that exceed any applicable CTDEP RSR criteria.

PCBs (total) were detected at varying concentrations ranging from 0.0171 ppm to 3.5 ppm in the soil samples collected from borings M8F-2, M8F-4, M8F-5, M8F-6, M8F-12, M8F-13, M8F-16, M8F-17, M8F-18, M8F-19, M8F-20, M8F-21, M8F-22, M8F-23, M8F-25, M8F-26, M8F-31, M8F-32, M8F-35, M8F-40, M8F-46, and M8F-47. The 2 to 4 foot samples from borings M8F-

12 (2.12 ppm) and M8F-13 (3.5 ppm) contained total PCBs at concentrations that exceed the Residential DEC of 1 ppm. No other sample contained PCBs at concentrations that exceed any applicable CTDEP RSR criteria.

Total concentrations of the metals arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver were detected at varying concentrations in the soil samples throughout the site. The following seventeen (17) soil samples contained total arsenic at concentrations that exceed the CTDEP Residential and Commercial/Industrial DEC of 10 ppm: M8F-5, 2' to 4' (14.4 ppm); M8F-6, 2' to 4' (13.6 ppm); M8F-7, 2' to 4' (10.4 ppm); M8F-12, 2' to 4' (12.2 ppm); M8F-13, 2' to 4' (13.1 ppm); M8F-15, 4' to 6' (29.3 ppm); M8F-20, 2' to 4' (10.3 ppm); M8F-25, 2' to 4' (10.7 ppm); M8F-35, 2' to 4' (17.7 ppm); M8F-36, 4' to 6' (11.1 ppm); M8F-37, 2' to 4' (28.8 ppm); M8F-38, 2' to 4' (20.5 ppm); M8F-39, 2' to 4' (11.8 ppm); M8F-40, 2' to 4' (10.4 ppm); M8F-45, 4' to 6' (21.6 ppm); M8F-46, 2' to 4' (19.7 ppm); and M8F-47, 2' to 4' (10.7 ppm). The following three (3) soil samples contained total lead at concentrations that exceed the CTDEP Residential DEC of 500 ppm: M8F-13, 2' to 4' (518 ppm); M8F-15, 4' to 6' (841 ppm); and M8F-21, 2' to 4' (694 ppm); No other sample contained total metals at concentrations that exceed any applicable CTDEP RSR criteria.

Leachable concentrations (via SPLP) of barium, chromium, and lead were detected at varying concentrations in the soil samples. However, the concentrations of leachable metals detected in the soil samples do not exceed any applicable CTDEP RSR criteria.

5.3 Results of Ballast Grab Sample Analyses

The six ballast grab samples (M8FB-1 through M8FB-6) collected during this Task 210 investigation were sent to Spectrum Analytical Laboratory for laboratory analyses. Summaries of the laboratory results from the ballast grab samples are presented in Tables 2(a) and 2 (b), which are located at the end of this report, and copies of the ballast grab sample analytical results are included in Appendix D. The following summarizes the results of the analyses conducted on the ballast grab samples. For the purpose of comparison, the results of the ballast grab sample analyses were compared to the CTDEP RSR soil criteria.

Petroleum hydrocarbons, VOCs, SVOCs, pesticides, and PCBs were not detected in the ballast grab samples. Total and leachable concentrations of the metals barium, cadmium, chromium, and lead were detected at varying concentrations in the ballast grab samples. However, the samples did not contain total or leachable metals at concentrations that exceed any CTDEP RSR criteria.

5.4 Results of Railroad Tie Grab Sample Analyses

The two railroad tie grab samples (M8FT-1 and M8FT-2) collected during this Task 210 investigation were sent to Spectrum Analytical Laboratory for laboratory analyses. Summaries of the laboratory results from the railroad tie grab samples are presented in Table 3, which is located at the end of this report, and copies of the railroad tie grab sample analytical results are included in Appendix E. The following summarizes the results of the analyses conducted on the railroad tie grab samples. For the purpose of comparison, the results of the railroad tie grab sample analyses were compared to the CTDEP RSR soil criteria.

Petroleum hydrocarbons were detected in the M8FT-1 (11,600 ppm) and M8FT-2 (33,600 ppm) samples at concentrations that exceed the GB PMC and Residential DEC of 500 ppm, and the Commercial/Industrial DEC of 2,500 ppm. Both of the railroad tie samples contained the VOC naphthalene at low concentrations of 6.02 ppm and 5.69 ppm, which do not exceed any CTDEP RSR criteria.

The railroad tie samples contained several SVOCs at varying concentrations. The M8FT-1 sample contained the SVOCs benzo(a)anthracene (227 ppm), benzo(a)pyrene (99.3 ppm), benzo(b)fluoranthene (160 ppm), benzo(k)fluoranthene (187 ppm), carbazole (152 ppm), chrysene (358 ppm), dibenz(a,h)anthracene (10.9 ppm), dibenzofuran (26.9 ppm), fluoranthene (876 ppm), indeno(1,2,3-cd)pyrene (40.4 ppm), phenanthrene (463 ppm), and pyrene (640 ppm) at concentrations that exceed their respective GB PMC. The compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, carbazole, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were also detected at concentrations that exceed their respective Residential DEC. In addition, the compounds benzo(a)anthracene,

benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected at concentrations that exceed their respective Commercial/Industrial DEC.

The M8FT-2 sample contained the SVOCs benzo(a)anthracene (137 ppm), benzo(a)pyrene (54.3 ppm), benzo(b)fluoranthene (144 ppm), benzo(k)fluoranthene (143 ppm), carbazole (199 ppm), chrysene (449 ppm), dibenz(a,h)anthracene (6.38 ppm), dibenzofuran (19.3 ppm), fluoranthene (369 ppm), indeno(1,2,3-cd)pyrene (24.4 ppm), phenanthrene (151 ppm), and pyrene (301 ppm) at concentrations that exceed their respective GB PMC. The compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, carbazole, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were also detected at concentrations that exceed their respective Residential DEC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected at concentrations that exceed their respective Commercial/Industrial DEC.

The railroad tie samples did not contain detectable concentrations of pesticides. Total PCBs were detected in the M8FT-1 (0.332 ppm) and M8FT-2 (1.255 ppm) samples. The PCB concentration detected in the M8FT-2 sample exceeds the Residential DEC of 1 ppm.

Total and leachable (via TCLP) concentrations of the metals barium, cadmium, chromium, lead, and mercury were detected at varying concentrations in the railroad tie grab samples. However, the samples did not contain total or leachable metals at concentrations that exceed any CTDEP RSR criteria.

5.5 Results of Groundwater Grab Sample Analyses

The four (4) groundwater grab samples (M8F-14 GW, M8F-24 GW, M8F-42 GW, and M8F-50 GW) collected from the site during the advancement of the Geoprobe® borings were sent to Spectrum Analytical Laboratory for laboratory analyses. Summaries of the laboratory results from the groundwater grab samples are presented in Tables 4(a) and 4(b), which are located at

the end of this report, and copies of the groundwater analytical results are included in Appendix F. The following summarizes the results of the groundwater grab sample analyses.

The groundwater samples did not contain detectable concentrations of VOCs, pesticides, and PCBs. The M8F-24 GW sample contained petroleum hydrocarbons at a concentration of 1.0 ppm, which does not exceed any applicable CTDEP criteria. No other groundwater sample contained detectable concentrations of petroleum hydrocarbons.

SVOCs were detected in varying concentrations in the M8F-14 GW and M8F-24 GW samples. The M8F-14 GW sample contained the compounds benzo(a)anthracene (0.425 parts per billion [ppb]), benzo(b)fluoranthene (0.762 ppb), benzo(k)fluoranthene (0.65 ppb), and phenanthrene (0.35 ppb) at concentrations that exceed their respective SWPC. No other SVOCs were detected at concentrations that exceed any applicable CTDEP RSR criteria.

The groundwater samples contained total arsenic, barium, cadmium, chromium, lead, and mercury at varying concentrations. The M8F-14 GW sample contained total arsenic (0.007 ppm) and total chromium (15.7 ppm) at concentrations that exceed their respective SWPC of 0.004 ppm and 0.11 ppm. The M8F-24 GW sample contained total mercury (0.00221 ppm) at a concentration that exceeds its SWPC of 0.0004 ppm. The M8F-42 GW sample contained total lead (0.0132 ppm) at a concentration that exceeds its SWPC of 0.013 ppm. The M8F-50 GW sample contained total arsenic (0.0062 ppm) at a concentration that exceeds its SWPC of 0.004 ppm. No other metals were detected at concentrations that exceed any applicable CTDEP RSR criteria.

5.6 Quality Assurance/Quality Control Samples

The field blank samples (FB-1 through FB-4) did not contain detectable concentrations of contaminants. In addition, the trip blank samples (TB-1 through TB-4) did not contain VOCs at concentrations that exceed any laboratory detection limits. Copies of the analytical reports associated with the quality assurance/quality control samples are included in Appendix G.

6.0 DISCUSSION OF AFFECTED RESOURCES

6.1 Soil Areas of Environmental Concern

Based upon the results of laboratory analyses performed on the soil samples for this Task 210 investigation, as well as the analytical results of soil samples collected from within the project area during MGI's February 2005 Task 210 for the Interim Shop (Running Repair Shop), four (4) soil areas of environmental concern (AOECs) have been identified where contaminants are present at concentrations that exceed applicable CTDEP RSR criteria. In addition, the remainder of the project site has been designated as a low-level area of environmental concern (LLAOEC) for soil. In these areas contaminants were detected at concentrations below applicable CTDEP RSR standards, but above laboratory detection limits. The locations of the AOECs within the project area are discussed in the following sections. Tables summarizing the analytical results from soil samples collected during MGI's February 2005 Task 210 for the Interim Shop (Running Repair Shop) are included in Appendix B of this report. In addition, the locations of the 2005 borings (denoted as IS-#) are depicted on Figures 2a and 2b – Task 210 Project Area & Sampling Locations.

AOEC #1: Area Encompassing Borings M8F-1 & IS-6:

Analytical results from the soil samples collected from borings M8F-1 and IS-6 indicate the presence of SVOC contamination at slightly elevated concentrations in shallow soil ranging from 2 to 4 feet below grade. The contamination detected exceeds the GB PMC, Residential DEC, and Commercial/Industrial DEC.

AOEC #2: Area Encompassing Borings M8F-5, M8F-6, M8F-12, M8F-13, M8F-14, M8F-15, IS-8, IS-10, IS-11, IS-12, IS-13, IS-15, & IS-18:

Analytical results from the soil samples collected from borings M8F-5, M8F-6, M8F-12, M8F-13, M8F-14, M8F-15, IS-8, IS-10, IS-11, IS-12, IS-13, IS-15, and IS-18 indicate the presence of total arsenic, total lead, petroleum hydrocarbon, VOC (benzene), SVOC, and PCB contamination

at elevated concentrations in shallow soil ranging from 2 to 8 feet below grade. The contamination detected exceeds the GB PMC, Residential DEC, and Commercial/Industrial DEC.

AOEC #3: Area Encompassing Borings M8F-7, M8F-8, M8F-9, M8F-10, & M8F-11:

Analytical results from the soil samples collected from borings M8F-7, M8F-8, M8F-9, and M8F-10 indicate the presence of petroleum hydrocarbon, SVOC, and total arsenic contamination at elevated concentrations in shallow soil ranging from 2 to 4 feet below grade. The contamination detected exceeds the GB PMC and Residential DEC. This AOEC also encompasses boring M8F-11, although contaminants at this location were detected at concentrations slightly below CTDEP RSR criteria.

AOEC #4: Area Encompassing Borings M8F-17, M8F-19, M8F-20, M8F-21, M8F-23, M8F-25, M8F-26, M8F-28, M8F-31, M8F-32, M8F-35, M8F-36, M8F-37, M8F-38, M8F-39, M8F-40, M8F-41, M8F-42, M8F-45, M8F-46 & M8F-47:

Analytical results from the soil samples collected from borings M8F-17, M8F-19, M8F-20, M8F-21, M8F-23, M8F-25, M8F-28, M8F-31, M8F-35, M8F-36, M8F-37, M8F-38, M8F-39, M8F-40, M8F-41, M8F-42, M8F-45, M8F-46, and M8F-47 indicate the presence of total arsenic, total lead, petroleum hydrocarbon, SVOC, and pesticide (dieldrin) contamination at elevated concentrations in shallow soil ranging from 2 to 6 feet below grade. The contamination detected exceeds the GB PMC, Residential DEC, and Commercial/Industrial DEC. This AOEC also encompasses borings M8F-26 and M8F-32, although contaminants at these locations were detected at concentrations slightly below CTDEP RSR criteria.

6. 2 Railroad Tie Area of Environmental Concern

Analytical results from the railroad tie grab samples indicate the presence of petroleum hydrocarbons, SVOCs, and PCBs at elevated concentrations that exceed the GB PMC, Residential DEC, and Commercial/Industrial DEC. The concentrations however, do not exceed the RCRA hazardous waste toxicity concentrations. All areas where railroad ties will be removed from the project site have been designated as a Railroad Tie Area of Environmental Concern (RTAOEC).

6. 3 Groundwater Area of Environmental Concern

Analytical results from the groundwater samples collected from borings M8F-14, M8F-24, M8F-42, and M8F-50 indicate the presence of SVOCs, total arsenic, total chromium, total mercury, and total lead at concentrations that exceed the SWPC. In addition, the M8F-24 groundwater sample contained petroleum hydrocarbons at a concentration that does not exceed any applicable CTDEP criteria, but may impact allowable discharge permit limits. Therefore, the entire project area has been designated as a Groundwater Area of Environmental Concern (GWAOEC).

7.0 RECOMMENDATIONS

The results of the Task 210 – Subsurface Site Investigation for the New Haven Rail Yard Temporary M-8 Acceptance Facility project in New Haven, Connecticut indicate the presence of petroleum hydrocarbon, VOC, SVOC, PCB, pesticide, total arsenic, and total lead contamination in shallow soil samples collected from the project area, at concentrations that exceed the applicable RSR criteria. Soil samples collected from within the project area in 2005 by MGI during the Interim Shop (Running Repair Shop) Task 210 indicated similar results. The contamination was detected in soils ranging in depth from 2 to 8 feet below grade. Railroad tie samples collected from areas where the railroad tracks will be removed indicate the presence of petroleum hydrocarbons, SVOCs, and PCBs at concentrations that exceed the CTDEP RSR criteria, but not the RCRA hazardous waste toxicity concentrations. Groundwater collected from the site is also contaminated with SVOCs and total metals at concentrations that exceed applicable RSR criteria. In addition, concentrations of petroleum hydrocarbons were detected in the groundwater collected from within the project area, which may impact discharge permit requirements. Four (4) Areas of Environmental Concern (AOECs) for soil, a site-wide Railroad Tie Area of Environmental Concern (RTAOEC), and a site-wide Groundwater Area of Environmental Concern (GWAOEC) have been identified within the project area. In addition, the remainder of the project site has been designated a Low Level Area of Environmental Concern (LLAOEC) for soil. Special considerations for treatment/disposal, dewatering activities, and worker health and safety must be given to these areas in order to ensure compliance with all local, State and Federal laws. Task 310 Plans and Specifications are therefore recommended for the areas of construction within the Areas of Environmental Concern and Low-Level Areas of Environmental Concern addressing the soil, railroad ties and groundwater described in Section 6.0.

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 subsurface 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 Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.:	M8F-1	M8F-2	M8F-3	M8F-4	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	2'-4'	2'-4'	2'-4'		
CT ETPH - (ppm)	159	83.5	BRL	67.4	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
SVOCs - Method 8270 (ppm)						
Benzo(a)anthracene	***1.12***	BRL	BRL	BRL	**1 ppm**	**1**/7.8 ppm
Benzo(a)pyrene	***1.09***	BRL	BRL	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	***1.12***	BRL	BRL	BRL	**1 ppm**	**1**/7.8 ppm
Benzo(k)fluoranthene	***1.16***	BRL	BRL	BRL	**1 ppm**	8.4/78 ppm
Chrysene	***1.38***	BRL	BRL	BRL	**1 ppm**	84/780 ppm
Fluoranthene	2.15	BRL	BRL	BRL	56 ppm	1,000/2,500 ppm
Pyrene	2.13	BRL	BRL	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	10.15	BRL	BRL	BRL		
Pesticides - Method 8081 (ppm)						
4,4-DDD	BRL	BRL	BRL	0.0082	None Established	2.6/24 ppm
4,4-DDE	BRL	BRL	BRL	0.00871	None Established	1.8/17 ppm
4,4-DDT	BRL	BRL	BRL	0.0142	None Established	1.8/17 ppm
PCBs – Method 8082 (ppm)	BRL	0.0588	BRL	0.0219	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	3.76	3.97	8.3	9.9		10/10 ppm
Barium	37.3	44.5	78.2	52.4		4,700/140,000 ppm
Cadmium	0.394	0.49	BRL	1.19		34/1,000 ppm
Chromium	82.6	44.3	7.93	26.2		100/100 ppm
Lead	117	269	35.8	176		500/1,000 ppm
Mercury	0.34	0.222	BRL	0.158		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0198	0.0211	0.011	0.012	10.0 ppm	
Chromium	0.013	0.0148	BRL	0.0122	0.5 ppm	
Lead	0.0319	0.0424	BRL	0.0217	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 Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.: Sample Depth:	M8F-5 2'-4'	M8F-6 2'-4'	M8F-7 2'-4'	M8F-8 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	251	205	***5,070***	***3,020***	**2,500 ppm**	**500/2,500 ppm**
VOCs - Method 8260 (ppm)						
Tetrachloroethene	0.0075	BRL	BRL	BRL	1.0 ppm	12/110 ppm
SVOCs - Method 8270 (ppm)						
Benzo(a)anthracene	BRL	BRL	***3.85***	***1.74***	**1 ppm**	**1**/7.8 ppm
Chrysene	BRL	BRL	***4.9***	***2.17***	**1 ppm**	84/780 ppm
Fluoranthene	BRL	BRL	9.37	4.11	56 ppm	1,000/2,500 ppm
Pyrene	BRL	BRL	10.2	5.65	40 ppm	1,000/2,500 ppm
Total SVOCs	BRL	BRL	28.32	13.67		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	0.0399	0.0733	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	***14.4***	***13.6***	***10.4***	4.86		**10/10 ppm**
Barium	53.6	59.1	91.6	47.0		4,700/140,000 ppm
Cadmium	1.68	1.97	0.818	0.417		34/1,000 ppm
Chromium	25.0	23.1	22.5	10.1		100/100 ppm
Lead	268	297	57.4	28.3		500/1,000 ppm
Mercury	0.19	0.208	1.71	0.912		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.017	0.0155	0.0106	0.012	10.0 ppm	
Chromium	0.0105	0.007	BRL	BRL	0.5 ppm	
Lead	0.0507	0.0454	BRL	BRL	0.15 ppm	

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

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

TABLE 1(c) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.:	M8F-9	M8F-10	M8F-11	M8F-12	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	2'-4'	2'-4'	2'-4'		
CT ETPH - (ppm)	***2,450***	***2,660***	BRL	263	**2,500 ppm**	**500/2,500 ppm**
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
SVOCs - Method 8270 (ppm)						
Benzo(a)anthracene	***1.7***	BRL	BRL	BRL	**1 ppm**	**1**/7.8 ppm
Chrysene	***2.27***	BRL	BRL	BRL	**1 ppm**	84/780 ppm
Fluoranthene	3.61	2.68	BRL	BRL	56 ppm	1,000/2,500 ppm
Pyrene	3.94	2.94	BRL	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	11.52	5.62	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)						
PCB-1254	BRL	BRL	BRL	***1.15***	Not Applicable	**1**/10 ppm
PCB-1260	BRL	BRL	BRL	0.97	Not Applicable	1/10 ppm
Total PCBs	BRL	BRL	BRL	***2.12***	Not Applicable	**1**/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	3.38	6.54	7.89	***12.2***		**10/10 ppm**
Barium	33.9	52.1	76.0	72.3		4,700/140,000 ppm
Cadmium	0.411	0.52	0.515	1.35		34/1,000 ppm
Chromium	8.49	7.28	9.03	16.0		100/100 ppm
Lead	26.2	87.5	152	339		500/1,000 ppm
Mercury	0.631	0.375	0.342	0.908		20/610 ppm
Silver	BRL	10.1	BRL	BRL		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0106	0.006	0.0335	0.0263	10.0 ppm	
Chromium	BRL	BRL	BRL	BRL	0.5 ppm	
Lead	BRL	BRL	BRL	BRL	0.15 ppm	

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

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

TABLE 1(d) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.:	M8F-13	M8F-14	M8F-15	M8F-16	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	2'-4'	4'-6'	2'-4'		
CT ETPH - (ppm)	***899***	380	BRL	345	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
Benzene	BRL	***1.52***	BRL	BRL	**0.2 ppm**	21/200 ppm
Ethylbenzene	BRL	0.309	BRL	BRL	10.1 ppm	500/1,000 ppm
Isopropylbenzene	BRL	0.0753	BRL	BRL	132 ppm	500/1,000 ppm
Naphthalene	BRL	0.447	BRL	BRL	56 ppm	1,000/2,500 ppm
n-Propylbenzene	BRL	0.143	BRL	BRL	14 ppm	500/1,000 ppm
Toluene	BRL	3.02	0.008	BRL	67 ppm	500/1,000 ppm
1,2,4-Trimethylbenzene	BRL	0.209	BRL	BRL	70 ppm	500/1,000 ppm
Xylenes (total)	BRL	1.413	BRL	BRL	19.5 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)						
Benzo(a)anthracene	BRL	***1.51***	BRL	BRL	**1 ppm**	**1**/7.8 ppm
Benzo(a)pyrene	BRL	***1.89***	BRL	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	BRL	***1.86***	BRL	BRL	**1 ppm**	**1**/7.8 ppm
Benzo(g,h,i)perylene	BRL	0.958	BRL	BRL	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	BRL	***2.03***	BRL	BRL	**1 ppm**	8.4/78 ppm
Chrysene	BRL	***1.84***	BRL	BRL	**1 ppm**	84/780 ppm
Fluoranthene	BRL	2.82	BRL	BRL	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	BRL	0.968	BRL	BRL	1 ppm	1/7.8 ppm
Pyrene	BRL	2.45	BRL	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	BRL	16.326	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)						
PCB-1254	***2.26***	BRL	BRL	BRL	Not Applicable	**1**/10 ppm
PCB-1260	***1.24***	BRL	BRL	0.0274	Not Applicable	**1**/10 ppm
Total PCBs	***3.5***	BRL	BRL	0.0274	Not Applicable	**1**/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	***13.1***	9.01	***29.3***	5.59		**10/10 ppm**
Barium	66.4	96.6	156	28.8		4,700/140,000 ppm
Cadmium	1.18	0.6	0.561	0.615		34/1,000 ppm
Chromium	20.5	28.3	34.7	30.4		100/100 ppm
Lead	***518***	292	***841***	49.7		**500**/1,000 ppm
Mercury	0.242	0.27	0.0698	0.0707		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0216	0.0142	0.0418	0.0577	10.0 ppm	
Chromium	BRL	BRL	0.012	0.0193	0.5 ppm	
Lead	BRL	0.031	BRL	0.0161	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(e) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.:	M8F-17	M8F-18	M8F-19	M8F-20	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	4'-6'	2'-4'	2'-4'	2'-4'		
CT ETPH - (ppm)	***8,510***	287	***3,260***	136	**2,500 ppm**	**500/2,500 ppm**
VOCs - Method 8260 (ppm)						
Naphthalene	0.268	BRL	0.0067	BRL	56 ppm	1,000/2,500 ppm
SVOCs - Method 8270 (ppm)						
Anthracene	BRL	BRL	BRL	0.475	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	0.988	BRL	BRL	0.652	1 ppm	1/7.8 ppm
Benzo(a)pyrene	BRL	BRL	BRL	0.774	1 ppm	1/1 ppm
Benzo(b)fluoranthene	***1.14***	BRL	BRL	0.778	**1 ppm**	**1**/7.8 ppm
Benzo(g,h,i)perylene	BRL	BRL	BRL	0.353	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	0.93	BRL	BRL	0.674	1 ppm	8.4/78 ppm
Chrysene	***1.37***	BRL	BRL	0.812	**1 ppm**	84/780 ppm
Fluoranthene	2.99	BRL	BRL	1.68	56 ppm	1,000/2,500 ppm
Phenanthrene	BRL	BRL	BRL	0.848	40 ppm	1,000/2,500 ppm
Pyrene	3.02	BRL	BRL	1.7	40 ppm	1,000/2,500 ppm
Total SVOCs	10.438	BRL	BRL	8.746		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	0.0216	0.0484	0.247	0.0286	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	6.41	4.53	5.68	***10.3***		**10/10 ppm**
Barium	46.1	30.8	42.7	101		4,700/140,000 ppm
Cadmium	0.569	0.674	0.735	1.9		34/1,000 ppm
Chromium	38.4	34.3	56.9	12.3		100/100 ppm
Lead	79.8	44.8	124	283		500/1,000 ppm
Mercury	0.135	0.0605	0.195	0.641		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.044	0.085	0.03	0.0277	10.0 ppm	
Chromium	BRL	0.0312	BRL	BRL	0.5 ppm	
Lead	0.0298	0.019	0.0167	0.0182	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(f) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.: / Sample Depth:	M8F-21 2'-4'	M8F-22 2'-4'	M8F-23 2'-4'	M8F-24 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	164	***554***	262	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
Naphthalene	BRL	BRL	BRL	0.198	56 ppm	1,000/2,500 ppm
SVOCs - Method 8270 (ppm)						
Benzo(a)anthracene	BRL	BRL	0.888	BRL	1 ppm	1/7.8 ppm
Benzo(b)fluoranthene	BRL	BRL	***1.37***	BRL	**1 ppm**	**1**/7.8 ppm
Benzo(k)fluoranthene	BRL	BRL	***1.18***	BRL	**1 ppm**	8.4/78 ppm
Chrysene	BRL	BRL	***1.09***	0.426	**1 ppm**	84/780 ppm
Fluoranthene	BRL	BRL	2.09	0.771	56 ppm	1,000/2,500 ppm
Pyrene	BRL	BRL	2.21	0.705	40 ppm	1,000/2,500 ppm
Total SVOCs	BRL	BRL	8.828	1.902		
Pesticides - Method 8081 (ppm)						
a-Chlordane	0.0363	BRL	BRL	BRL	None Established	None Established
g-Chlordane	0.039	BRL	BRL	BRL	None Established	None Established
PCBs – Method 8082 (ppm)	0.104	0.0354	0.109	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	9.91	4.95	6.41	4.11		10/10 ppm
Barium	60.8	28.8	39.2	34.9		4,700/140,000 ppm
Cadmium	0.611	0.695	0.599	0.701		34/1,000 ppm
Chromium	7.31	40.9	29.4	44.9		100/100 ppm
Lead	***694***	48.9	99.7	22.0		**500**/1,000 ppm
Mercury	0.0556	0.0614	0.193	0.115		20/610 ppm
Selenium	2.8	BRL	BRL	BRL		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0144	0.0682	0.0427	0.03	10.0 ppm	
Chromium	BRL	0.0214	BRL	BRL	0.5 ppm	
Lead	0.0088	BRL	0.0336	BRL	0.15 ppm	

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

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

TABLE 1(g) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.: Sample Depth:	M8F-25 2'-4'	M8F-26 2'-4'	M8F-27 2'-4'	M8F-28 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	206	404	BRL	***932***	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
SVOCs - Method 8270 (ppm)						
Anthracene	0.597	BRL	BRL	BRL	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	0.946	BRL	BRL	BRL	1 ppm	1/7.8 ppm
Benzo(a)pyrene	0.982	BRL	BRL	BRL	1 ppm	1/1 ppm
Benzo(b)fluoranthene	0.98	BRL	BRL	BRL	1 ppm	1/7.8 ppm
Benzo(g,h,i)perylene	0.483	BRL	BRL	BRL	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	0.88	BRL	BRL	BRL	1 ppm	8.4/78 ppm
Chrysene	***1.18***	BRL	BRL	BRL	**1 ppm**	84/780 ppm
Fluoranthene	2.35	BRL	BRL	BRL	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	0.433	BRL	BRL	BRL	1 ppm	1/7.8 ppm
Phenanthrene	0.942	BRL	BRL	BRL	40 ppm	1,000/2,500 ppm
Pyrene	2.36	0.876	BRL	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	12.133	0.876	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)						
PCB-1254	0.0259	0.431	BRL	BRL	Not Applicable	1/10 ppm
PCB-1260	BRL	0.0592	BRL	BRL	Not Applicable	1/10 ppm
Total PCBs	0.0259	0.4902	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	***10.7***	8.56	BRL	1.6		**10/10 ppm**
Barium	144	58.7	11.5	19.3		4,700/140,000 ppm
Cadmium	3.47	BRL	BRL	0.333		34/1,000 ppm
Chromium	12.4	7.11	3.97	7.39		100/100 ppm
Lead	287	123	8.18	25.3		500/1,000 ppm
Mercury	0.747	0.141	BRL	0.0388		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0362	0.0148	BRL	BRL	10.0 ppm	
Lead	0.023	0.0226	BRL	BRL	0.15 ppm	

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

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

TABLE 1(h) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.:	M8F-29	M8F-30	M8F-31	M8F-32	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	2'-4'	2'-4'	2'-4'		
CT ETPH - (ppm)	294	475	184	450	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)						
Naphthalene	BRL	BRL	0.192	BRL	56 ppm	1,000/2,500 ppm
Styrene	0.183	BRL	BRL	BRL	20 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)						
Anthracene	BRL	BRL	0.929	BRL	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	BRL	BRL	0.814	BRL	1 ppm	1/7.8 ppm
Benzo(a)pyrene	BRL	BRL	***1.2***	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	BRL	BRL	***1.02***	BRL	**1 ppm**	**1**/7.8 ppm
Benzo(g,h,i)perylene	BRL	BRL	0.53	1.31	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	BRL	BRL	***1.16***	BRL	**1 ppm**	8.4/78 ppm
Chrysene	BRL	BRL	***1.39***	BRL	**1 ppm**	84/780 ppm
Fluoranthene	BRL	BRL	3.09	1.52	56 ppm	1,000/2,500 ppm
Phenanthrene	BRL	BRL	1.89	BRL	40 ppm	1,000/2,500 ppm
Pyrene	BRL	BRL	2.97	2.57	40 ppm	1,000/2,500 ppm
Total SVOCs	BRL	BRL	14.993	5.4		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)						
PCB-1254	BRL	BRL	BRL	0.039	Not Applicable	1/10 ppm
PCB-1260	BRL	BRL	0.0171	0.0185	Not Applicable	1/10 ppm
Total PCBs	BRL	BRL	0.0171	0.0575	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	BRL	BRL	9.77	8.03		10/10 ppm
Barium	15.2	12.2	138	55.4		4,700/140,000 ppm
Cadmium	BRL	0.284	1.88	0.931		34/1,000 ppm
Chromium	7.06	5.11	12.0	7.01		100/100 ppm
Lead	16.1	14.5	266	177		500/1,000 ppm
Mercury	BRL	BRL	0.753	0.0985		20/610 ppm
Silver	BRL	BRL	BRL	1.18		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	BRL	BRL	0.0242	0.0126	10.0 ppm	
Lead	BRL	BRL	0.0254	0.0179	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(i) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.: / Sample Depth:	M8F-33 2'-4'	M8F-34 4'-6'	M8F-35 2'-4'	M8F-36 4'-6'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	BRL	***2,480***	BRL	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
SVOCs - Method 8270 (ppm)						
Acenaphthylene	BRL	BRL	7.76	BRL	84 ppm	1,000/2,500 ppm
Anthracene	BRL	BRL	3.12	BRL	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	BRL	BRL	***28.0***	BRL	**1 ppm**	**1/7.8 ppm**
Benzo(a)pyrene	BRL	BRL	***28.2***	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	BRL	BRL	***29.2***	BRL	**1 ppm**	**1/7.8 ppm**
Benzo(g,h,i)perylene	BRL	BRL	9.95	BRL	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	BRL	BRL	***36.3***	BRL	**1 ppm**	**8.4**/78 ppm
Chrysene	BRL	BRL	***33.8***	BRL	**1 ppm**	84/780 ppm
Fluoranthene	BRL	BRL	39.5	BRL	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	BRL	BRL	***12.7***	BRL	**1 ppm**	**1/7.8 ppm**
Phenanthrene	BRL	BRL	2.9	BRL	40 ppm	1,000/2,500 ppm
Pyrene	BRL	BRL	***58.5***	BRL	**40 ppm**	1,000/2,500 ppm
Total SVOCs	BRL	BRL	289.93	BRL		
Pesticides - Method 8081 (ppm)						
Dieldrin	BRL	BRL	***0.0625***	BRL	**0.007 ppm**	**0.038**/0.36 ppm
PCBs – Method 8082 (ppm)	BRL	BRL	0.194	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	BRL	BRL	***17.7***	***11.1***		**10/10 ppm**
Barium	11.3	10.4	72.4	64.5		4,700/140,000 ppm
Cadmium	BRL	BRL	0.957	0.607		34/1,000 ppm
Chromium	3.86	4.41	7.53	3.85		100/100 ppm
Lead	8.16	3.65	230	21.2		500/1,000 ppm
Mercury	BRL	BRL	0.198	BRL		20/610 ppm
Selenium	BRL	BRL	2.03	2.3		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	BRL	BRL	0.0126	0.0059	10.0 ppm	
Lead	BRL	BRL	0.03	BRL	0.15 ppm	

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

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

TABLE 1(j) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.: / Sample Depth:	M8F-37 2'-4'	M8F-38 2'-4'	M8F-39 2'-4'	M8F-40 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	BRL	BRL	***797***	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
Naphthalene	BRL	BRL	0.17	0.181	56 ppm	1,000/2,500 ppm
Toluene	BRL	0.106	BRL	0.158	67 ppm	500/1,000 ppm
Xylenes (total)	BRL	BRL	BRL	0.2143	19.5 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)						
Benzo(a)anthracene	***2.47***	BRL	BRL	BRL	**1 ppm**	**1**/7.8 ppm
Benzo(a)pyrene	***2.15***	BRL	BRL	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	***2.61***	BRL	BRL	BRL	**1 ppm**	**1**/7.8 ppm
Benzo(k)fluoranthene	***2.47***	BRL	BRL	BRL	**1 ppm**	8.4/78 ppm
Chrysene	***3.37***	BRL	BRL	BRL	**1 ppm**	84/780 ppm
Fluoranthene	3.94	BRL	BRL	2.03	56 ppm	1,000/2,500 ppm
Pyrene	4.26	BRL	BRL	2.09	40 ppm	1,000/2,500 ppm
Total SVOCs	21.27	BRL	BRL	4.12		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	0.0234	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	***28.8***	***20.5***	***11.8***	***10.4***		**10/10 ppm**
Barium	64.5	58.6	101	52.1		4,700/140,000 ppm
Cadmium	0.937	0.795	0.367	1.0		34/1,000 ppm
Chromium	14.1	7.47	4.34	25.0		100/100 ppm
Lead	302	299	233	201		500/1,000 ppm
Mercury	1.03	0.872	0.209	0.136		20/610 ppm
Selenium	2.3	3.33	3.35	BRL		340/10,000 ppm
Silver	BRL	BRL	6.73	1.24		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0126	0.0127	0.0098	0.0128	10.0 ppm	
Lead	0.0542	0.0492	BRL	0.0263	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(k) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.: / Sample Depth:	M8F-41 4'-6'	M8F-42 2'-4'	M8F-43 2'-4'	M8F-44 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	*728*	*776*	BRL	388	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
Ethylbenzene	BRL	0.123	BRL	BRL	10.1 ppm	500/1,000 ppm
Naphthalene	BRL	0.155	BRL	BRL	56 ppm	1,000/2,500 ppm
Toluene	BRL	0.154	BRL	BRL	67 ppm	500/1,000 ppm
1,2,4-Trimethylbeznene	BRL	0.0696	BRL	BRL	70 ppm	500/1,000 ppm
Xylenes (total)	BRL	0.3427	BRL	BRL	19.5 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)						
Benzo(a)anthracene	***1.41***	BRL	BRL	BRL	**1 ppm**	1/7.8 ppm
Benzo(a)pyrene	***1.27***	BRL	BRL	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	***1.67***	BRL	BRL	BRL	**1 ppm**	1/7.8 ppm
Benzo(k)fluoranthene	***1.84***	BRL	BRL	BRL	**1 ppm**	8.4/78 ppm
Chrysene	***2.18***	BRL	BRL	BRL	**1 ppm**	84/780 ppm
Fluoranthene	3.14	BRL	BRL	BRL	56 ppm	1,000/2,500 ppm
Pyrene	3.11	BRL	BRL	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	14.62	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	9.64	7.95	3.98	7.0		10/10 ppm
Barium	40.4	109	53.4	76.2		4,700/140,000 ppm
Cadmium	0.516	0.584	0.362	0.461		34/1,000 ppm
Chromium	9.81	11.7	4.11	9.6		100/100 ppm
Lead	152	365	51.1	119		500/1,000 ppm
Mercury	0.307	1.02	0.053	0.586		20/610 ppm
Selenium	BRL	1.68	2.22	BRL		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.009	0.0962	0.0064	0.0914	10.0 ppm	
Lead	0.0252	BRL	BRL	BRL	0.15 ppm	

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

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

TABLE 1(l) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.:	M8F-45	M8F-46	M8F-47	M8F-48	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	4'-6'	2'-4'	2'-4'	2'-4'		
CT ETPH - (ppm)	203	***1,150***	***1,310***	BRL	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
Benzene	0.188	BRL	0.0725	BRL	0.2 ppm	21/200 ppm
Naphthalene	0.177	BRL	0.133	BRL	56 ppm	1,000/2,500 ppm
Toluene	0.339	BRL	0.202	BRL	67 ppm	500/1,000 ppm
Xylenes (total)	0.3237	BRL	0.2455	BRL	19.5 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)						
Fluoranthene	BRL	1.12	2.77	BRL	56 ppm	1,000/2,500 ppm
Pyrene	BRL	1.99	3.26	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	BRL	3.11	6.03	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	0.0212	0.028	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	***21.6***	***19.7***	***10.7***	3.63		**10/10 ppm**
Barium	59.6	69.0	54.7	39.3		4,700/140,000 ppm
Cadmium	BRL	0.457	0.589	0.871		34/1,000 ppm
Chromium	4.5	7.82	8.64	10.4		100/100 ppm
Lead	65.3	136	183	228		500/1,000 ppm
Mercury	0.0948	0.363	0.182	BRL		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0236	0.013	0.012	0.015	10.0 ppm	
Lead	BRL	0.0146	0.0261	0.021	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(m) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.: Sample Depth:	M8F-49 2'-4'	M8F-50 2'-4'	M8F-51 2'-4'	M8F-52 2'-4'	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)	BRL	BRL	BRL	BRL		
SVOCs - Method 8270 (ppm)						
Fluoranthene	0.447	BRL	BRL	BRL	56 ppm	1,000/2,500 ppm
Pyrene	0.486	BRL	BRL	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	0.933	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	1.64	1.98	1.96	3.94		10/10 ppm
Barium	21.6	23.5	25.6	95.3		4,700/140,000 ppm
Cadmium	BRL	BRL	BRL	0.499		34/1,000 ppm
Chromium	4.29	5.12	6.56	10.2		100/100 ppm
Lead	23.6	9.99	6.6	320		500/1,000 ppm
Mercury	0.0683	0.0344	BRL	2.87		20/610 ppm
Selenium	BRL	BRL	BRL	1.82		340/10,000 ppm
Silver	BRL	BRL	BRL	1.62		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0186	0.0146	0.0064	0.0118	10.0 ppm	
Lead	0.0497	BRL	BRL	0.0138	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(n) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.: Sample Depth:	M8F-53 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL		
SVOCs - Method 8270 (ppm)	BRL		
Pesticides - Method 8081 (ppm)	BRL		
PCBs – Method 8082 (ppm)	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm		Not Applicable	
Arsenic	4.42		10/10 ppm
Barium	98.3		4,700/140,000 ppm
Cadmium	0.521		34/1,000 ppm
Chromium	5.68		100/100 ppm
Lead	333		500/1,000 ppm
Mercury	2.21		20/610 ppm
Selenium	1.81		340/10,000 ppm
SPLP RCRA 8 Metals - ppm			Not Applicable
Barium	0.0208	10.0 ppm	
Lead	0.0111	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 Ballast Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Sample I.D.:	M8FB-1	M8FB-2	M8FB-3	M8FB-4	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)	BRL	BRL	BRL	BRL		
SVOCs - 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	
Barium	10.8	13.2	13.4	11.4		4,700/140,000 ppm
Cadmium	0.626	0.506	0.731	0.775		34/1,000 ppm
Chromium	1.97	3.22	2.12	2.42		100/100 ppm
Lead	5.08	3.78	4.7	5.95		500/1,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0066	0.0082	0.009	0.0072	10.0 ppm	

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

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

TABLE 2(b) - Results of Ballast Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Sample I.D.:	M8FB-5	M8FB-6	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL		
SVOCs - Method 8270 (ppm)	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm			Not Applicable	
Barium	12.7	13.2		4,700/140,000 ppm
Cadmium	0.565	0.707		34/1,000 ppm
Chromium	3.1	2.82		100/100 ppm
Lead	3.89	11.4		500/1,000 ppm
SPLP RCRA 8 Metals - ppm				Not Applicable
Barium	0.0073	0.005	10.0 ppm	

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

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

TABLE 3 - Results of Railroad Tie Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Sample I.D.:	M8FT-1	M8FT-2	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	***11,600***	***33,600***	**2,500 ppm**	**500/2,500 ppm**
VOCs - Method 8260 (ppm)				
Naphthalene	6.02	5.69	56 ppm	1,000/2,500 ppm
SVOCs - Method 8270 (ppm)				
Acenaphthene	29.0	15.3	84 ppm	1,000/2,500 ppm
Acenaphthylene	16.9	10.4	84 ppm	1,000/2,500 ppm
Anthracene	282.0	250.0	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	***227.0***	***137.0***	**1 ppm**	**1/7.8 ppm**
Benzo(a)pyrene	***99.3***	***54.3***	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	***160.0***	***144.0***	**1 ppm**	**1/7.8 ppm**
Benzo(g,h,i)perylene	34.2	21.1	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	***187.0***	***143.0***	**1 ppm**	**8.4/78 ppm**
Carbazole	***152.0***	***199.0***	**1 ppm**	**31**/290 ppm
Chrysene	***358.0***	***449.0***	**1 ppm**	**84**/780 ppm
Dibenzo(a,h)anthracene	***10.9***	***6.38***	**1 ppm**	**1/1 ppm**
Dibenzofuran	***26.9***	***19.3***	**5.6 ppm**	270/2,500 ppm
Fluoranthene	***876.0***	***369.0***	**56 ppm**	1,000/2,500 ppm
Fluorene	42.7	26.6	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	***40.4***	***24.4***	**1 ppm**	**1/7.8 ppm**
1-Methylnaphthalene	3.78	5.0	None Established	None Established
2-Methylnaphthalene	BRL	4.46	9.8 ppm	474/2,500 ppm
Phenanthrene	***463.0***	***151.0***	**40 ppm**	1,000/2,500 ppm
Pyrene	***640.0***	***301.0***	**40 ppm**	1,000/2,500 ppm
Total SVOCs	3,649.08	2,330.24		
Pesticides - Method 8081 (ppm)	BRL	BRL		
PCBs – Method 8082 (ppm)				
PCB-1254	0.168	0.402	Not Applicable	**1**/10 ppm
PCB-1260	0.164	0.853	Not Applicable	**1**/10 ppm
Total PCBs	0.332	***1.255***	Not Applicable	**1**/10 ppm
Total RCRA 8 Metals – ppm			Not Applicable	
Barium	13.9	5.08		4,700/140,000 ppm
Cadmium	0.714	BRL		34/1,000 ppm
Chromium	2.96	1.76		100/100 ppm
Lead	21.8	8.4		500/1,000 ppm
Mercury	0.0425	BRL		20/610 ppm
TCLP RCRA 8 Metals - ppm				Not Applicable
Barium	0.0761	0.105	10.0 ppm	
Cadmium	0.005	0.004	0.05 ppm	
Lead	0.0244	0.0135	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 4(a) - Results of Groundwater Grab Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Sample I.D.:	M8F-14 GW	M8F-24 GW	CTDEP Surface Water Protection Criteria	CTDEP Volatilization Criteria Residential/Commercial & Industrial
CT ETPH (ppm)	BRL	1.0	None Established	Not Applicable
VOCs - EPA Method 8260 (ppb)	BRL	BRL		
SVOCs - EPA Method 8270 (ppb)				
Benzo(a)anthracene	***0.425***	BRL	**0.3 ppb**	None Established
Benzo(b)fluoranthene	***0.762***	BRL	**0.3 ppb**	None Established
Benzo(g,h,i)perylene	0.738	BRL	None Established	None Established
Benzo(k)fluoranthene	***0.65***	BRL	**0.3 ppb**	None Established
Chrysene	0.5	BRL	None Established	None Established
Fluoranthene	0.912	0.271	3,700 ppb	None Established
Indeno(1,2,3-cd)pyrene	0.6	BRL	None Established	None Established
Phenanthrene	***0.35***	BRL	**0.3 ppb**	None Established
Pyrene	0.85	0.4	110,000 ppb	None Established
Pesticides - EPA Method 8081A (ppb)	BRL	BRL		
PCBs - EPA Method 8080 (ppb)	BRL	BRL		
Total RCRA 8 Metals – ppm				Not Applicable
Arsenic	***0.007***	BRL	**0.004 ppm**	
Barium	0.0096	0.276	None Established	
Cadmium	0.0048	BRL	0.006 ppm	
Chromium	***15.7***	0.0079	**0.11 ppm**	
Mercury	0.00026	***0.00221***	**0.0004 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 4(b) - Results of Groundwater Grab Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Sample I.D.:	M8F-42 GW	M8F-50 GW	CTDEP Surface Water Protection Criteria	CTDEP Volatilization Criteria Residential/Commercial & Industrial
CT ETPH (ppm)	BRL	BRL	None Established	Not Applicable
VOCs - EPA Method 8260 (ppb)	BRL	BRL		
SVOCs - EPA Method 8270 (ppb)	BRL	BRL		
Pesticides - EPA Method 8081A (ppb)	BRL	BRL		
PCBs - EPA Method 8080 (ppb)	BRL	BRL		
Total RCRA 8 Metals – ppm				Not Applicable
Arsenic	BRL	***0.0062***	**0.004 ppm**	
Barium	0.058	0.0322	None Established	
Lead	***0.0132***	0.012	**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
Boring Logs

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-1

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-19-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray medium to coarse GRAVEL (BALLAST)	0.5		
1.0				0.2	Macro Core 0'-2'
2.0					
3.0		Dark-Brown fine to coarse SAND, trace Ash, Cinders, Concrete, Brick, & Wood (FILL)		1.2	Macro Core 2'-4'
4.0					
5.0				0.2	Macro Core 4'-6'
6.0		Groundwater at 6'	6.0		
7.0				0.1	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry | **Depth to Water:** 6' | **Boring Dia.:** 2"

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-2

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-19-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray medium to coarse GRAVEL (BALLAST)	0.5		
1.0				0	Macro Core 0'-2'
2.0					
3.0		Dark-Brown fine to coarse SAND, trace Ash, Cinders, Concrete, Brick, & Wood (FILL)		0.8	Macro Core 2'-4'
4.0					
5.0				0.3	Macro Core 4'-6'
6.0		Groundwater at 6'	6.0		
7.0				0.1	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry | **Depth to Water:** 6' | **Boring Dia.:** 2"

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-3

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-19-07

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

Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	Gray medium to coarse GRAVEL (BALLAST)	0.5		
1.0	Dark-Brown to Black fine to coarse SAND, little Ash & Cinders, trace Concrete & Brick (FILL)	1.5	0.4	Macro Core 0'-2'
2.0	Red-Brown fine Sand, little Silt	2.5		
3.0			2.4	Macro Core 2'-4'
4.0	Black Ash & Cinders, little fine to coarse Sand, trace fine to coarse Gravel (FILL)			
5.0			2.0	Macro Core 4'-6'
6.0	Groundwater at 6'	6.0		
7.0			0.5	Macro Core 6'-8'
8.0		8.0		
9.0	End of Boring at 8'			
10.0				
11.0				
12.0				

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

Driller: W. Lineberry | **Depth to Water:** 6' | **Boring Dia.:** 2"

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-4

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-15-07

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		
		ASH & CINDERS, little fine to coarse Gravel (FILL)	0.5		
1.0		Dark-Brown fine to medium SAND, little Silt, Ash & Cinders, trace fine to coarse Gravel (FILL)		0.3	Macro Core 0'-2'
2.0					
3.0			3.0	3.4	Macro Core 2'-4'
4.0		Red-Brown fine to coarse SAND, little Silt			
5.0				1.1	Macro Core 4'-6'
		Groundwater at 5.5'	5.5		
6.0					
7.0				0.2	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

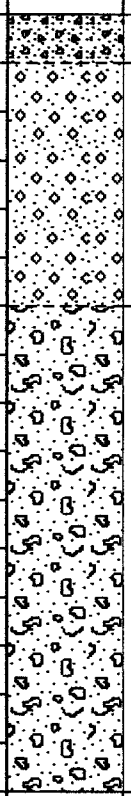
GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-5

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-15-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	ASH & CINDERS, little fine to coarse Gravel (FILL)	0.5		
1.0			0.2	Macro Core 0'-2'
	Dark-Brown fine to medium SAND, little Silt, Ash & Cinders, trace fine to coarse Gravel & Concrete (FILL)			
2.0				
3.0		3.0	4.4	Macro Core 2'-4'
4.0	Red-Brown fine to coarse SAND, little Silt			
5.0			0.9	Macro Core 4'-6'
	Groundwater at 5.5'	5.5		
6.0				
7.0			0.3	Macro Core 6'-8'
8.0		8.0		
9.0	End of Boring at 8'			
10.0				
11.0				
12.0				

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

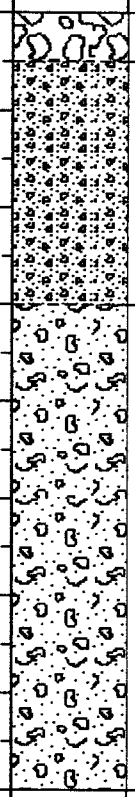
Driller: W. Lineberry | **Depth to Water:** 5.5' | **Boring Dia.:** 2"

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility
Boring: M8F-6
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 3-15-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	Gray medium to coarse GRAVEL, little Black Ash & Cinders	0.5		
1.0	Red-Brown to Olive-Brown fine to coarse SAND, trace fine to coarse Gravel & Ash (FILL)		0.3	Macro Core 0'-2'
2.0				
3.0		3.0	1.6	Macro Core 2'-4'
4.0	Red-Brown fine to coarse SAND, some Ash & Cinders (FILL)			
5.0	Groundwater at 5'	5.0	0.6	Macro Core 4'-6'
6.0				
7.0			0	Macro Core 6'-8'
8.0		8.0		
9.0	End of Boring at 8'			
10.0				
11.0				
12.0				

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

Driller: W. Lineberry
Depth to Water: 5'
Boring Dia.: 2"
Rig: Geoprone 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-7

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-26-07

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		Gray medium to coarse GRAVEL (BALLAST)	1.0	0	Macro Core 0'-2'
2.0		Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little Brick, trace Concrete & fine to coarse Gravel (FILL)		0.8	Macro Core 2'-4'
4.0					
5.0			5.0	0.2	Macro Core 4'-6'
6.0		Black ASH & CINDERS, little fine to coarse Sand & Gravel (FILL) Groundwater at 6'	6.0		
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry | **Depth to Water:** 6' | **Boring Dia.:** 2"

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

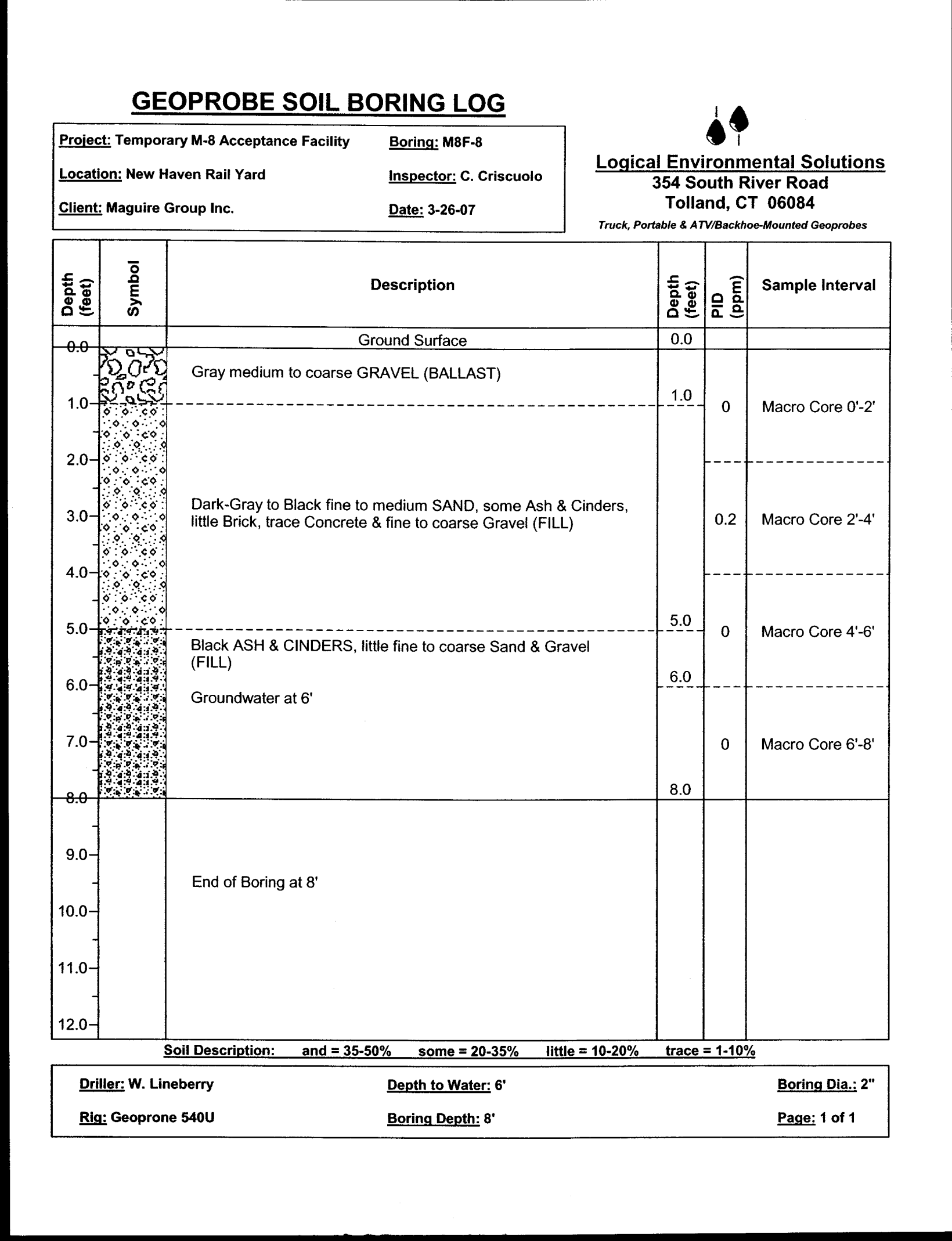
GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-8

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-26-07

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



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

Driller: W. Lineberry | **Depth to Water:** 6' | **Boring Dia.:** 2"

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-9

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-26-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray medium to coarse GRAVEL (BALLAST)			
1.0			1.0	0	Macro Core 0'-2'
2.0					
		Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little Brick, trace Concrete & fine to coarse Gravel (FILL)		0.4	Macro Core 2'-4'
4.0					
5.0			5.0	0.2	Macro Core 4'-6'
		Black ASH & CINDERS, little fine to coarse Sand & Gravel (FILL)			
6.0		Groundwater at 6'	6.0		
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry | **Depth to Water:** 6' | **Boring Dia.:** 2"

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

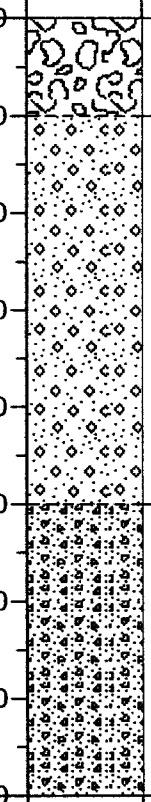
GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-10

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-26-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
1.0	Gray medium to coarse GRAVEL (BALLAST)	1.0	0	Macro Core 0'-2'
2.0	Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little Brick, trace Concrete & fine to coarse Gravel (FILL)		1.2	Macro Core 2'-4'
4.0				
5.0	Black ASH & CINDERS, little fine to coarse Sand & Gravel (FILL)	5.0	0.4	Macro Core 4'-6'
6.0	Groundwater at 6'	6.0		
7.0			0.1	Macro Core 6'-8'
8.0	End of Boring at 8'	8.0		
9.0				
10.0				
11.0				
12.0				

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

Driller: W. Lineberry | **Depth to Water:** 6' | **Boring Dia.:** 2"

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

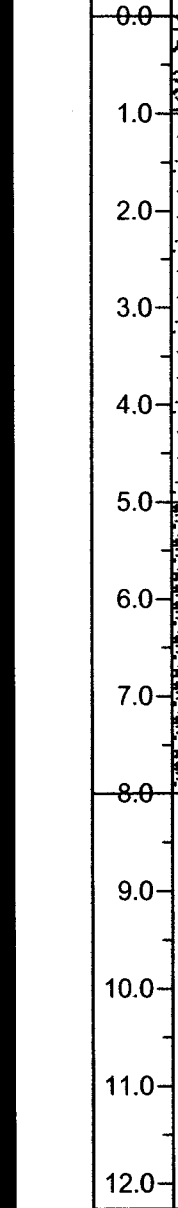
GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-11

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-26-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	Gray medium to coarse GRAVEL (BALLAST)	1.0	0	Macro Core 0'-2'
2.0	Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little Brick, trace Concrete & fine to coarse Gravel (FILL)		0	Macro Core 2'-4'
4.0			0	Macro Core 4'-6'
5.0	Black ASH & CINDERS, little fine to coarse Sand & Gravel (FILL)	5.0		
6.0	Groundwater at 6'	6.0		
7.0			0	Macro Core 6'-8'
8.0		8.0		
9.0	End of Boring at 8'			
10.0				
11.0				
12.0				

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

Driller: W. Lineberry | **Depth to Water:** 6' | **Boring Dia.:** 2"

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-12

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-15-07

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 – 8.0		Black ASH & CINDERS with little to trace Red-Brown fine to coarse SAND & fine to coarse Gravel (FILL)		0.1	Macro Core 0'-2'
				0.4	Macro Core 2'-4'
				0.1	Macro Core 4'-6'
		Groundwater at 5.5'	5.5		
				0	Macro Core 6'-8'
			8.0		
8.0		End of Boring at 8'			

1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility
Boring: M8F-13
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 3-15-07

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		Black ASH & CINDERS with little to trace Red-Brown fine to coarse SAND & fine to coarse Gravel (FILL)		0	Macro Core 0'-2'
2.0					
3.0				0.2	Macro Core 2'-4'
4.0					
5.0				0.1	Macro Core 4'-6'
		Groundwater at 5.5'	5.5		
6.0					
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: 5.5'
Boring Dia.: 2"
Rig: Geoprone 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-14

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-19-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray medium to coarse GRAVEL (BALLAST)	0.5		
1.0		Dark-Brown to Black fine to coarse SAND, little Ash & Cinders, trace Concrete & Brick (FILL)		0.3	Macro Core 0'-2'
2.0					
3.0				4.3	Macro Core 2'-4'
4.0			4.0		
5.0		Black Ash & Cinders, little fine to coarse Sand, trace fine to coarse Gravel (FILL, wet)		4.0	Macro Core 4'-6'
6.0			6.0		
7.0		Red-Brown fine to medium Sand, trace Silt		0.4	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0		Groundwater Grab Sample Collected			
11.0					
12.0					

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-15

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-19-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray medium to coarse GRAVEL (BALLAST)	0.5		
1.0		Dark-Brown to Black fine to coarse SAND, little Ash & Cinders, trace Concrete & Brick (FILL)		0.1	Macro Core 0'-2'
2.0					
3.0				3.4	Macro Core 2'-4'
4.0			4.0		
5.0		Black Ash & Cinders, little fine to coarse Sand, trace fine to coarse Gravel (FILL, wet)		3.4	Macro Core 4'-6'
6.0			6.0		
7.0		Red-Brown fine to medium Sand, trace Silt		0.6	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

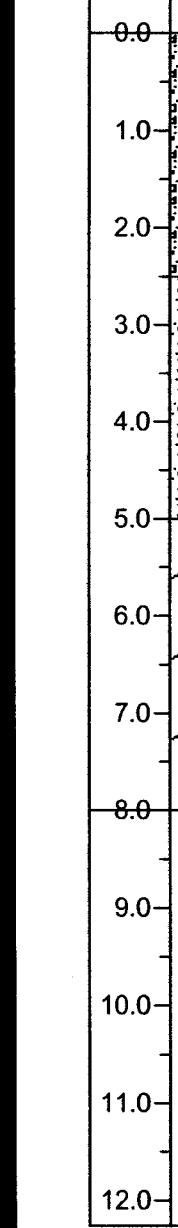
GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-16

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-21-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little fine to coarse Gravel, trace Silt (FILL)		0	Macro Core 0'-2'
		2.5		
	Red-Brown fine to medium SAND, little Silt, trace fine to coarse Gravel		0	Macro Core 2'-4'
	Groundwater at 4'	4.0		
		5.0	0	Macro Core 4'-6'
	Gray Clayey SILT		0	Macro Core 6'-8'
		8.0		
	End of Boring at 8'			

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-17

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-21-07

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		Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little fine to coarse Gravel, trace Silt (FILL)		0.1	Macro Core 0'-2'
2.0			2.5		
3.0		Red-Brown fine to medium SAND, little Silt, trace fine to coarse Gravel		1.9	Macro Core 2'-4'
4.0		Groundwater at 4'	4.0		
5.0			5.0	3.6	Macro Core 4'-6'
6.0		Gray Clayey SILT			
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-18

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-21-07

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		Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little fine to coarse Gravel, trace Silt (FILL)		0	Macro Core 0'-2'
2.0			2.5		
3.0		Red-Brown fine to medium SAND, little Silt, trace fine to coarse Gravel		0	Macro Core 2'-4'
4.0		Groundwater at 4'	4.0		
5.0			4.5	0	Macro Core 4'-6'
6.0		Gray Clayey SILT			
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-19

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-21-07

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		Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little fine to coarse Gravel, trace Silt, mixed with Gray to Olive Brown Clayey Silt (FILL)		0.1	Macro Core 0'-2'
2.0					
3.0				2.6	Macro Core 2'-4'
4.0					
5.0		Groundwater at 5'	5.0	1.1	Macro Core 4'-6'
			5.5		
6.0		Black ASH & CINDERS (FILL)			
7.0				0.3	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-20

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-21-07

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		Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little fine to coarse Gravel, trace Silt, mixed with Gray to Olive Brown Clayey Silt (FILL)		0.1	Macro Core 0'-2'
2.0					
3.0				0.4	Macro Core 2'-4'
4.0					
5.0		Groundwater at 5'	5.0	0.1	Macro Core 4'-6'
6.0		Black ASH & CINDERS (FILL)	5.5		
7.0				0	Macro Core 6'-8'
8.0		End of Boring at 8'	8.0		
9.0					
10.0					
11.0					
12.0					

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-21

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-26-07

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		Gray medium to coarse GRAVEL (BALLAST)	0.5		
1.0		Black ASH & CINDERS, little Brick & Gray Silt (FILL)		0	Macro Core 0'-2'
2.0					
3.0				0	Macro Core 2'-4'
4.0			4.0		
4.0		Refusal on CONCRETE at 4'			
5.0					
6.0					
7.0					
8.0					
9.0					
10.0					
11.0					
12.0					

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

Driller: W. Lineberry | **Depth to Water:** Dry | **Boring Dia.:** 2"

Rig: Geoprone 540U | **Boring Depth:** 4' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-22

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-21-07

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 – 1.0		Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL)	1.0	0	Macro Core 0'-2'
1.0 – 3.0		Red-Brown fine to coarse SAND	3.0	0	Macro Core 2'-4'
3.0 – 6.0		Dark-Gray to Black fine SAND & SILT, little Ash & Cinders (FILL)	6.0	0	Macro Core 4'-6'
6.0 – 8.0		Groundwater at 6'	8.0	0	Macro Core 6'-8'
8.0 – 12.0		End of Boring at 8'			

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

Driller: W. Lineberry | **Depth to Water:** 6' | **Boring Dia.:** 2"

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-23

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-21-07

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 – 1.0		Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL)	1.0	0	Macro Core 0'-2'
1.0 – 3.0		Red-Brown fine to coarse SAND	3.0	0.4	Macro Core 2'-4'
3.0 – 6.0		Dark-Gray to Black fine SAND & SILT, little Ash & Cinders (FILL, petroleum odor)	6.0	0.3	Macro Core 4'-6'
6.0 – 8.0		Groundwater at 6'	8.0	0	Macro Core 6'-8'
8.0 – 12.0		End of Boring at 8'			

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

Driller: W. Lineberry | **Depth to Water:** 6' | **Boring Dia.:** 2"

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility
Boring: M8F-24
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 3-21-07

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		Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL)			
1.0			1.0	0	Macro Core 0'-2'
2.0		Red-Brown fine to coarse SAND			
3.0			3.0	1.6	Macro Core 2'-4'
4.0		Dark-Gray to Black fine SAND & SILT, little Ash & Cinders (FILL, petroleum odor)			
5.0				0.6	Macro Core 4'-6'
6.0		Groundwater at 6'	6.0		
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0		Groundwater Grab Sample Collected			
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: 6'
Boring Dia.: 2"
Rig: Geoprone 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-25

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-21-07

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		Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little fine to coarse Gravel, trace Silt, mixed with Gray to Olive Brown Clayey Silt (FILL)		0.1	Macro Core 0'-2'
2.0					
3.0				1.1	Macro Core 2'-4'
4.0					
5.0		Groundwater at 5'	5.0	0.5	Macro Core 4'-6'
			5.5		
6.0		Black ASH & CINDERS (FILL)			
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-26

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-19-07

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		Dark-Brown to Black fine to coarse SAND, little Ash & Cinders, trace Concrete, Brick & fine to coarse Gravel (FILL)		0.3	Macro Core 0'-2'
2.0			2.0		
3.0		Black Ash & Cinders, little fine to coarse Sand, trace fine to coarse Gravel (FILL, wet)		0.9	Macro Core 2'-4'
4.0					
5.0				0.3	Macro Core 4'-6'
		Groundwater at 5.5'	5.5		
6.0					
7.0				0.2	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-27

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-21-07

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		Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little fine to coarse Gravel, trace Silt (FILL)		0	Macro Core 0'-2'
2.0			2.5		
3.0		Red-Brown fine to medium SAND, little Silt, trace fine to coarse Gravel		0.1	Macro Core 2'-4'
4.0		Groundwater at 4'	4.0		
5.0			5.0	0	Macro Core 4'-6'
6.0		Gray Clayey SILT			
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

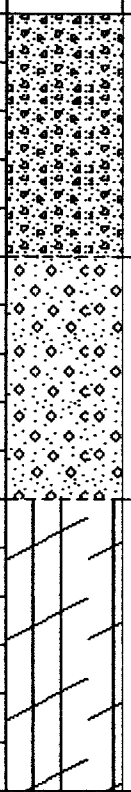
GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-28

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-21-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
1.0	Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little fine to coarse Gravel, trace Silt (FILL)		0	Macro Core 0'-2'
2.0		2.5		
3.0	Red-Brown fine to medium SAND, little Silt, trace fine to coarse Gravel		0.6	Macro Core 2'-4'
4.0	Groundwater at 4'	4.0		
5.0		5.0	0	Macro Core 4'-6'
6.0	Gray Clayey SILT			
7.0			0	Macro Core 6'-8'
8.0		8.0		
9.0	End of Boring at 8'			
10.0				
11.0				
12.0				

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-29

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-21-07

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		Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little fine to coarse Gravel, trace Silt (FILL)	1.0	0.1	Macro Core 0'-2'
2.0		Red-Brown fine to medium SAND, little Silt, trace fine to coarse Gravel		1.1	Macro Core 2'-4'
4.0		Groundwater at 4'	4.0		
5.0			5.0	0.5	Macro Core 4'-6'
6.0		Dark-Brown medium to coarse SAND, trace Silt		0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-30

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-21-07

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 – 1.0		Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little fine to coarse Gravel, trace Silt (FILL)	1.0	0	Macro Core 0'-2'
2.0 – 4.0		Red-Brown fine to medium SAND, little Silt, trace fine to coarse Gravel	4.0	0.3	Macro Core 2'-4'
4.0		Groundwater at 4'			
5.0			5.0	0.1	Macro Core 4'-6'
6.0 – 8.0		Dark-Brown medium to coarse SAND, trace Silt	8.0	0	Macro Core 6'-8'
8.0 – 12.0		End of Boring at 8'			

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

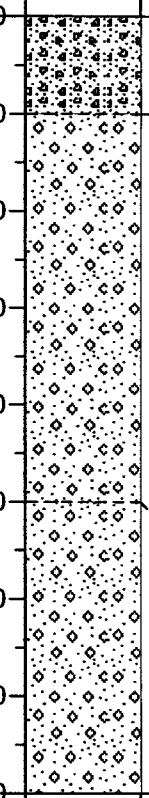
GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-31

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-21-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
0.0 – 1.0	Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little fine to coarse Gravel, trace Silt (FILL)	1.0	0	Macro Core 0'-2'
2.0 – 4.0	Red-Brown fine to medium SAND, little Silt, trace fine to coarse Gravel		1.7	Macro Core 2'-4'
5.0	Groundwater at 5'	5.0	0.5	Macro Core 4'-6'
6.0 – 7.0	Dark-Brown medium to coarse SAND, trace Silt		0	Macro Core 6'-8'
8.0		8.0		
9.0 – 12.0	End of Boring at 8'			

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-32

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-19-07

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		Dark-Brown to Black fine to coarse SAND, little Ash & Cinders, trace Concrete, Brick & fine to coarse Gravel (FILL)		0.2	Macro Core 0'-2'
2.0			2.0		
3.0		Black Ash & Cinders, little fine to coarse Sand, trace fine to coarse Gravel (FILL, wet)		1.1	Macro Core 2'-4'
4.0					
5.0				0.5	Macro Core 4'-6'
		Groundwater at 5.5'	5.5		
6.0					
7.0				0.1	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

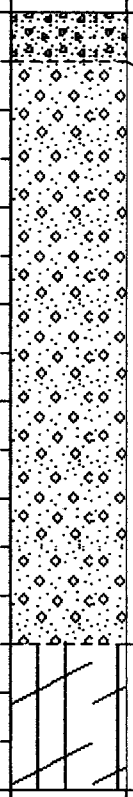
GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-33

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-21-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little fine to coarse Gravel, trace Silt (FILL)	0.5	0	Macro Core 0'-2'
1.0				
2.0			0.1	Macro Core 2'-4'
3.0	Red-Brown fine to coarse SAND, trace Silt & fine to coarse Gravel			
4.0			0	Macro Core 4'-6'
5.0		5.5		
	Groundwater at 5.5'			
6.0		6.5	0	Macro Core 6'-8'
7.0	Gray Clayey SILT			
8.0		8.0		
9.0	End of Boring at 8'			
10.0				
11.0				
12.0				

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

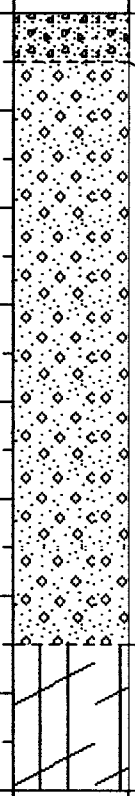
GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-34

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-21-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	Dark-Gray to Black fine to medium SAND, some Ash & Cinders, little fine to coarse Gravel, trace Silt (FILL)	0.5	0	Macro Core 0'-2'
1.0				
2.0			0	Macro Core 2'-4'
3.0	Red-Brown fine to coarse SAND, trace Silt & fine to coarse Gravel			
4.0			0	Macro Core 4'-6'
5.0		5.5		
	Groundwater at 5.5'			
6.0		6.5		
	Gray Clayey SILT		0	Macro Core 6'-8'
7.0				
8.0		8.0		
9.0	End of Boring at 8'			
10.0				
11.0				
12.0				

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-35

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-26-07

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		Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL)	2.0	0	Macro Core 0'-2'
3.0		Black ASH & CINDERS		1.1	Macro Core 2'-4'
4.0		Groundwater at 4.5'	4.5		
5.0				0.4	Macro Core 4'-6'
6.0					
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry | **Depth to Water:** 4.5' | **Boring Dia.:** 2"

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility
Boring: M8F-36
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 3-26-07

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		Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL)		0	Macro Core 0'-2'
2.0			2.0		
3.0		Black ASH & CINDERS		0	Macro Core 2'-4'
4.0					
		Groundwater at 4.5'	4.5		
5.0				0	Macro Core 4'-6'
6.0					
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: 4.5'
Boring Dia.: 2"
Rig: Geoprone 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility
Boring: M8F-37
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 3-26-07

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		Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL)		0	Macro Core 0'-2'
2.0			2.0		
3.0		Black ASH & CINDERS		0.4	Macro Core 2'-4'
4.0		Groundwater at 4'	4.0		
5.0				0.3	Macro Core 4'-6'
6.0					
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: 4'
Boring Dia.: 2"
Rig: Geoprone 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility
Boring: M8F-38
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 3-26-07

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		Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL)		0.1	Macro Core 0'-2'
2.0			2.0		
3.0		Black ASH & CINDERS		0.2	Macro Core 2'-4'
4.0		Groundwater at 4'	4.0		
5.0				0	Macro Core 4'-6'
6.0					
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: 4'
Boring Dia.: 2"
Rig: Geoprone 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility
Boring: M8F-39
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 3-26-07

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		Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL)		0	Macro Core 0'-2'
2.0			2.0		
3.0		Black ASH & CINDERS		0.1	Macro Core 2'-4'
4.0		Groundwater at 4'	4.0		
5.0				0	Macro Core 4'-6'
6.0					
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: 4'
Boring Dia.: 2"
Rig: Geoprone 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-40

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-19-07

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		Dark-Brown to Black fine to coarse SAND, little Ash & Cinders, trace Concrete, Brick & fine to coarse Gravel (FILL)		0.9	Macro Core 0'-2'
2.0			2.0		
3.0		Black Ash & Cinders, little fine to coarse Sand, trace fine to coarse Gravel (FILL)		3.8	Macro Core 2'-4'
4.0					
5.0		Groundwater at 5'	5.0	1.3	Macro Core 4'-6'
6.0					
7.0				0.4	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-41

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-19-07

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		Dark-Brown to Black fine to coarse SAND, little Ash & Cinders, trace Concrete, Brick & fine to coarse Gravel (FILL)		0.6	Macro Core 0'-2'
2.0			2.0		
3.0		Black Ash & Cinders, little fine to coarse Sand, trace fine to coarse Gravel (FILL)		1.8	Macro Core 2'-4'
4.0					
5.0		Groundwater at 5'	5.0	2.3	Macro Core 4'-6'
6.0					
7.0				0.2	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

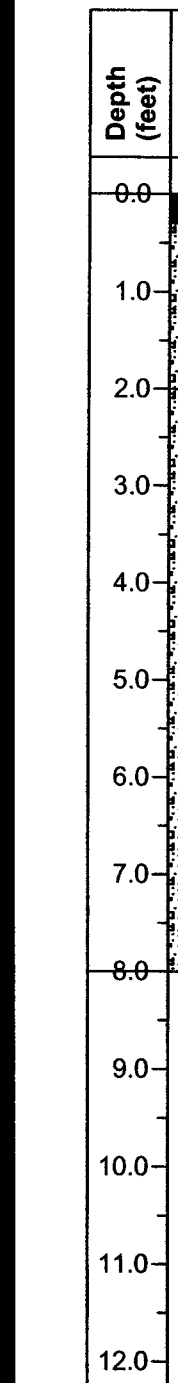
Driller: W. Lineberry | **Depth to Water:** 5' | **Boring Dia.:** 2"

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility
Boring: M8F-42
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 3-26-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
	Ground Surface	0.0		
	ASPHALT	0.3		
	Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL)	2.0	0.1	Macro Core 0'-2'
	Black ASH & CINDERS		3.5	Macro Core 2'-4'
	Groundwater at 5'	5.0	2.2	Macro Core 4'-6'
			0.2	Macro Core 6'-8'
		8.0		
	End of Boring at 8'			
	Groundwater Grab Sample Collected			

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

Driller: W. Lineberry
Depth to Water: 5
Boring Dia.: 2"
Rig: Geoprone 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility
Boring: M8F-43
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 3-26-07

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		Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL)		0	Macro Core 0'-2'
2.0			2.0		
3.0		Black ASH & CINDERS		0	Macro Core 2'-4'
4.0					
5.0		Groundwater at 5'	5.0	0	Macro Core 4'-6'
6.0					
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: 5'
Boring Dia.: 2"
Rig: Geoprone 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility
Boring: M8F-44
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 3-26-07

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		Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL)		0	Macro Core 0'-2'
2.0					
3.0				0	Macro Core 2'-4'
4.0			4.0		
5.0		Red-Brown fine SAND & SILT, trace fine Gravel (wet)		0	Macro Core 4'-6'
6.0					
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: 4'
Boring Dia.: 2"
Rig: Geoprone 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility
Boring: M8F-45
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 3-19-07

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		Dark-Brown to Black fine to coarse SAND, little Ash & Cinders, trace Concrete, Brick & fine to coarse Gravel (FILL)		1.0	Macro Core 0'-2'
2.0			2.0		
3.0		Black Ash & Cinders, little fine to coarse Sand, trace fine to coarse Gravel (FILL)		3.1	Macro Core 2'-4'
4.0					
5.0		Groundwater at 5'	5.0	4.5	Macro Core 4'-6'
6.0					
7.0				0.9	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: 5'
Boring Dia.: 2"
Rig: Geoprone 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility
Boring: M8F-46
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 3-19-07

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		Dark-Brown to Black fine to coarse SAND, little Ash & Cinders, trace Concrete, Brick & fine to coarse Gravel (FILL)		0.3	Macro Core 0'-2'
2.0			2.0		
3.0		Black Ash & Cinders, little fine to coarse Sand, trace fine to coarse Gravel (FILL)		0.9	Macro Core 2'-4'
4.0					
5.0		Groundwater at 5'	5.0	0.2	Macro Core 4'-6'
6.0					
7.0				0.2	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: 5'
Boring Dia.: 2"
Rig: Geoprone 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility
Boring: M8F-47
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 3-19-07

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		Dark-Brown to Black fine to coarse SAND, little Ash & Cinders, trace Concrete, Brick & fine to coarse Gravel (FILL)		1.2	Macro Core 0'-2'
2.0			2.0		
3.0		Black Ash & Cinders, little fine to coarse Sand, trace fine to coarse Gravel (FILL)		3.5	Macro Core 2'-4'
4.0					
5.0		Groundwater at 5'	5.0	0.9	Macro Core 4'-6'
6.0					
7.0				0.4	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: 5'
Boring Dia.: 2"
Rig: Geoprone 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility
Boring: M8F-48
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 3-26-07

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		Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL)		0	Macro Core 0'-2'
2.0					
3.0				0	Macro Core 2'-4'
4.0			4.0		
5.0		Red-Brown fine SAND & SILT, trace fine Gravel (wet)		0	Macro Core 4'-6'
6.0					
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: 4'
Boring Dia.: 2"
Rig: Geoprone 540U
Boring Depth: 8'
Page: 1 of 1

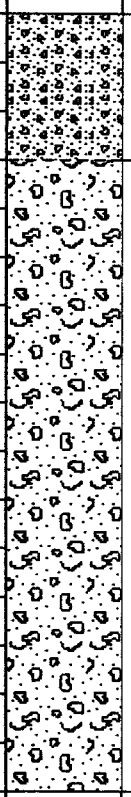
GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-49

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-15-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
1.0	Brown fine to medium SAND, little Silt, trace fine to coarse Gravel & Ash (FILL)	1.5	0.1	Macro Core 0'-2'
2.0	Red-Brown fine to coarse SAND, trace Silt			
3.0			0.4	Macro Core 2'-4'
4.0	Groundwater at 4'	4.0		
5.0			0.1	Macro Core 4'-6'
6.0				
7.0			0	Macro Core 6'-8'
8.0		8.0		
9.0	End of Boring at 8'			
10.0				
11.0				
12.0				

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

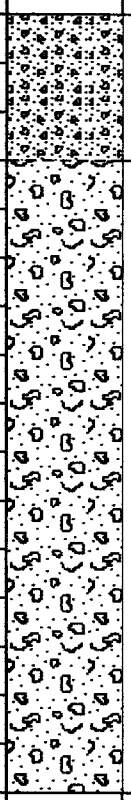
GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-50

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-15-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
1.0	Brown fine to medium SAND, little Silt, trace fine to coarse Gravel & Ash (FILL)	1.5	0	Macro Core 0'-2'
2.0	Red-Brown fine to coarse SAND, trace Silt & fine Gravel		0.2	Macro Core 2'-4'
3.0				
4.0	Groundwater at 4'	4.0	0	Macro Core 4'-6'
5.0				
6.0			0	Macro Core 6'-8'
7.0				
8.0		8.0		
9.0	End of Boring at 8'			
10.0	Groundwater Grab Sample Collected			
11.0				
12.0				

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-51

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-15-07

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 fine to medium SAND, little Silt, trace fine to coarse Gravel & Ash (FILL)	1.5	0	Macro Core 0'-2'
2.0		Red-Brown fine to coarse SAND, trace Silt & fine Gravel		0	Macro Core 2'-4'
3.0					
4.0		Groundwater at 4'	4.0		
5.0				0	Macro Core 4'-6'
6.0					
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility | **Boring:** M8F-52

Location: New Haven Rail Yard | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 3-26-07

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 fine to medium SAND, little Silt, trace fine to coarse Gravel & Ash (FILL)	1.5	0	Macro Core 0'-2'
2.0		Red-Brown fine to coarse SAND, trace Silt & fine Gravel		0	Macro Core 2'-4'
3.0					
4.0		Groundwater at 4'	4.0		
5.0				0	Macro Core 4'-6'
6.0				0	Macro Core 6'-8'
7.0					
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

Rig: Geoprone 540U | **Boring Depth:** 8' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Temporary M-8 Acceptance Facility
Boring: M8F-53
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 3-26-07

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 fine to medium SAND, little Silt, trace fine to coarse Gravel & Ash (FILL)	1.5	0	Macro Core 0'-2'
2.0		Red-Brown fine to coarse SAND, trace Silt & fine Gravel		0	Macro Core 2'-4'
3.0					
4.0		Groundwater at 4'	4.0		
5.0				0	Macro Core 4'-6'
6.0					
7.0				0	Macro Core 6'-8'
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: 4'
Boring Dia.: 2"
Rig: Geoprone 540U
Boring Depth: 8'
Page: 1 of 1

APPENDIX B
Tables from MGI's 2005 Interim Shop (Running Repair Shop) Task 210 Investigation

MGI's 2005 Task 210 Investigation
TABLE 1(a) - Results of Geoprobe Boring Soil Sample Analyses
New Haven Rail Yard Interim Shop
New Haven, Connecticut

Boring I.D.:	GPIS-3	GPIS-4	GPIS-5	GPIS-6	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	2'-4'	2'-4'	2'-4'		
CT ETPH - (ppm)	175	168	BRL	68.8	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
BNs - Method 8270 (ppm)						
Acenaphthene	BRL	BRL	BRL	BRL	84 ppm	1,000/2,500 ppm
Acenaphthylene	0.18	BRL	BRL	0.326	84 ppm	1,000/2,500 ppm
Anthracene	0.346	BRL	BRL	0.53	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	0.637	0.422	BRL	***1.05***	**1 ppm**	**1**/7.8 ppm
Benzo(a)pyrene	0.575	0.397	BRL	***1.07***	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	0.571	0.533	BRL	***1.27***	**1 ppm**	**1**/7.8 ppm
Benzo(k)fluoranthene	0.525	0.361	BRL	0.712	1 ppm	8.4/78 ppm
Benzo(g,h,i)perylene	0.365	0.285	BRL	0.695	42 ppm	1,000/2,500 ppm
Dibenz(a,h)anthracene	0.672	0.558	BRL	BRL	1 ppm	1/1 ppm
Dibenzofuran	BRL	BRL	BRL	BRL	5.6 ppm	270/2,500 ppm
Chrysene	BRL	BRL	BRL	***1.13***	**1 ppm**	84/780 ppm
Fluoranthene	1.72	0.786	BRL	2.85	56 ppm	1,000/2,500 ppm
Fluorene	BRL	BRL	BRL	BRL	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	0.292	0.251	BRL	0.672	1 ppm	1/7.8 ppm
2-Methylnaphthalene	0.212	0.399	BRL	BRL	9.8 ppm	474/2,500 ppm
Naphthalene	BRL	BRL	BRL	BRL	56 ppm	1,000/2,500 ppm
Phenanthrene	0.952	0.677	BRL	1.25	40 ppm	1,000/2,500 ppm
Pyrene	0.874	0.607	BRL	1.97	40 ppm	1,000/2,500 ppm
Total BNs	7.921	5.276	BRL	13.525		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	BRL	0.005 ppm	1/10 ppm
Herbicides - Method 8151 (ppm)	BRL	BRL	BRL	BRL		
Total RCRA 8 Metals – ppm						
Arsenic	BRL	BRL	BRL	BRL		10/10 ppm
Barium	25.8	62.6	18.6	34.3		4,700/140,000 ppm
Cadmium	1.02	2.7	BRL	BRL		34/1,000 ppm
Chromium	9.72	8.74	11.7	5.36		100/100 ppm
Lead	200	112	8.58	62.3		500/1,000 ppm
Mercury	BRL	BRL	BRL	BRL		20/610 ppm
SPLP RCRA 8 Metals - ppm						
Barium	0.0248	BRL	BRL	BRL	10.0 ppm	
Lead	BRL	0.0224	BRL	BRL	0.15 ppm	

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

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

MGI's 2005 Task 210 Investigation
TABLE 1(b) - Results of Geoprobe Boring Soil Sample Analyses
New Haven Rail Yard Interim Shop
New Haven, Connecticut

Boring I.D.:	GPIS-7	GPIS-8	GPIS-9	GPIS-10	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	4'-8'	2'-4'	2'-4'	2'-4'		
CT ETPH - (ppm)	BRL	***1,460***	108	188	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
Acetone	BRL	0.144	BRL	BRL	140 ppm	500/1,000 ppm
Tetrachloroethylene	BRL	0.033	BRL	BRL	1 ppm	12/110 ppm
BNs - Method 8270 (ppm)						
Acenaphthene	BRL	0.694	BRL	BRL	84 ppm	1,000/2,500 ppm
Acenaphthylene	BRL	0.663	BRL	BRL	84 ppm	1,000/2,500 ppm
Anthracene	BRL	2.88	BRL	BRL	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	BRL	***5.03***	BRL	0.366	**1 ppm**	**1**/7.8 ppm
Benzo(a)pyrene	BRL	***4.11***	BRL	0.366	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	BRL	***4.67***	BRL	0.444	**1 ppm**	**1**/7.8 ppm
Benzo(k)fluoranthene	BRL	***3.21***	BRL	0.33	**1 ppm**	8.4/78 ppm
Benzo(g,h,i)perylene	BRL	2.62	BRL	0.272	42 ppm	1,000/2,500 ppm
Dibenz(a,h)anthracene	BRL	0.531	BRL	BRL	1 ppm	1/1 ppm
Dibenzofuran	BRL	0.788	BRL	BRL	5.6 ppm	270/2,500 ppm
Chrysene	BRL	***4.46***	BRL	0.444	**1 ppm**	84/780 ppm
Fluoranthene	BRL	18.5	0.22	0.736	56 ppm	1,000/2,500 ppm
Fluorene	BRL	0.538	BRL	BRL	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	BRL	***2.26***	BRL	0.244	**1 ppm**	**1**/7.8 ppm
2-Methylnaphthalene	BRL	1.27	BRL	BRL	9.8 ppm	474/2,500 ppm
Naphthalene	BRL	1.07	BRL	BRL	56 ppm	1,000/2,500 ppm
Phenanthrene	BRL	10.7	BRL	0.292	40 ppm	1,000/2,500 ppm
Pyrene	BRL	9.72	0.167	0.544	40 ppm	1,000/2,500 ppm
Total BNs	BRL	73.714	0.387	4.038		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)						
PCB-1260	BRL	***0.0465***	BRL	***0.0566***	**0.005 ppm**	1/10 ppm
Herbicides - Method 8151 (ppm)	BRL	BRL	BRL	BRL		
Total RCRA 8 Metals – ppm						
Arsenic	BRL	7.11	BRL	BRL		10/10 ppm
Barium	13.9	102	13.6	19.7		4,700/140,000 ppm
Cadmium	BRL	2.62	BRL	0.53		34/1,000 ppm
Chromium	4.86	31.0	38.9	49.3		100/100 ppm
Lead	3.96	280	14.2	43.8		500/1,000 ppm
Mercury	BRL	1.51	BRL	BRL		20/610 ppm
SPLP RCRA 8 Metals - ppm						
Barium	BRL	0.0726	BRL	BRL	10.0 ppm	
Chromium	BRL	BRL	0.0106	0.009	0.5 ppm	
Lead	BRL	BRL	BRL	0.0078	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.

MGI's 2005 Task 210 Investigation
TABLE 1(c) - Results of Geoprobe Boring Soil Sample Analyses
New Haven Rail Yard Interim Shop
New Haven, Connecticut

Boring I.D.: / Sample Depth:	GPIS-11 2'-4'	GPIS-12 2'-4'	GPIS-13 4'-8'	GPIS-15 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	***1,120***	***1,670***	***1,070***	330	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
Acetone	0.126	BRL	BRL	BRL	140 ppm	500/1,000 ppm
Tetrachloroethylene	0.0376	0.0143	BRL	BRL	1 ppm	12/110 ppm
BNs - Method 8270 (ppm)						
Acenaphthylene	0.39	BRL	BRL	0.92	84 ppm	1,000/2,500 ppm
Anthracene	BRL	BRL	BRL	0.857	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	0.359	BRL	BRL	***2.2***	1 ppm	1/7.8 ppm
Benzo(a)pyrene	BRL	BRL	BRL	***2.23***	1 ppm	1/1 ppm
Benzo(b)fluoranthene	0.394	BRL	BRL	***2.37***	1 ppm	1/7.8 ppm
Benzo(k)fluoranthene	BRL	BRL	BRL	***1.73***	1 ppm	8.4/78 ppm
Benzo(g,h,i)perylene	BRL	BRL	BRL	1.47	42 ppm	1,000/2,500 ppm
Chrysene	0.541	BRL	0.542	0.319	1 ppm	84/780 ppm
Dibenz(a,h)anthracene	BRL	BRL	BRL	***2.21***	1 ppm	1/1 ppm
Fluoranthene	0.643	BRL	0.491	6.99	56 ppm	1,000/2,500 ppm
2-Methylnaphthalene	1.05	BRL	0.977	***1.29***	9.8 ppm	474/2,500 ppm
Naphthalene	0.879	BRL	BRL	0.33	56 ppm	1,000/2,500 ppm
Phenanthrene	0.812	BRL	0.8	2.47	40 ppm	1,000/2,500 ppm
Pyrene	0.464	BRL	0.452	4.48	40 ppm	1,000/2,500 ppm
Total BNs	5.532	BRL	3.262	29.866		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)						
PCB-1260	***1.21***	BRL	BRL	BRL	**0.005 ppm**	**1**/10 ppm
Herbicides - Method 8151 (ppm)	BRL	BRL	BRL	BRL		
Total RCRA 8 Metals – ppm						
Arsenic	BRL	BRL	8.88	BRL		10/10 ppm
Barium	172	52.2	80.1	64.3		4,700/140,000 ppm
Cadmium	2.3	0.802	0.758	1.14		34/1,000 ppm
Chromium	27.0	9.03	45.8	6.71		100/100 ppm
Lead	258	49.1	354	136		500/1,000 ppm
Mercury	1.03	BRL	2.32	0.295		20/610 ppm
SPLP RCRA 8 Metals - ppm						
Barium	0.119	0.0234	0.016	0.019	10.0 ppm	
Chromium	BRL	BRL	0.0071	BRL	0.5 ppm	
Lead	BRL	BRL	0.026	BRL	0.15 ppm	

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

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

MGI's 2005 Task 210 Investigation
TABLE 1(d) - Results of Geoprobe Boring Soil Sample Analyses
New Haven Rail Yard Interim Shop
New Haven, Connecticut

Boring I.D.: Sample Depth:	GPIS-18 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	*747*	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)			
Tetrachloroethylene	0.0367	1 ppm	12/110 ppm
BNs - Method 8270 (ppm)			
Acenaphthene	0.339	84 ppm	1,000/2,500 ppm
Acenaphthylene	2.41	84 ppm	1,000/2,500 ppm
Anthracene	2.53	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	***6.33***	**1 ppm**	**1**/7.8 ppm
Benzo(a)pyrene	***6.16***	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	***5.76***	**1 ppm**	**1**/7.8 ppm
Benzo(k)fluoranthene	***4.92***	**1 ppm**	8.4/78 ppm
Benzo(g,h,i)perylene	3.49	42 ppm	1,000/2,500 ppm
Dibenz(a,h)anthracene	0.982	1 ppm	1/1 ppm
Dibenzofuran	0.846	5.6 ppm	270/2,500 ppm
Chrysene	***6.06***	**1 ppm**	84/780 ppm
Fluoranthene	16.8	56 ppm	1,000/2,500 ppm
Fluorene	1.02	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	***3.14***	**1 ppm**	**1**/7.8 ppm
2-Methylnaphthalene	0.737	9.8 ppm	474/2,500 ppm
Naphthalene	1.07	56 ppm	1,000/2,500 ppm
Phenanthrene	9.17	40 ppm	1,000/2,500 ppm
Pyrene	10.6	40 ppm	1,000/2,500 ppm
Total BNs	82.364		
Pesticides - Method 8081 (ppm)	BRL		
PCBs – Method 8082 (ppm)	BRL	0.005 ppm	1/10 ppm
Herbicides - Method 8151 (ppm)	BRL		
Total RCRA 8 Metals – ppm			
Arsenic	***10.6***		**10/10 ppm**
Barium	178		4,700/140,000 ppm
Cadmium	2.31		34/1,000 ppm
Chromium	34.4		100/100 ppm
Lead	***1,340***		**500/1,000 ppm**
Mercury	0.949		20/610 ppm
SPLP RCRA 8 Metals - ppm			
Barium	0.0416	10.0 ppm	
Chromium	0.01	0.5 ppm	
Lead	0.0785	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.

TASK 210:
SUBSURFACE SITE INVESTIGATION

New Haven Rail Yard
Temporary M-8 Acceptance Facility
New Haven, Connecticut

Volume 2

ConnDOT Assignment No. 202-3464
ConnDOT Project No. 301-88

Prepared for:

State of Connecticut
Department of Transportation
Newington, Connecticut 06131

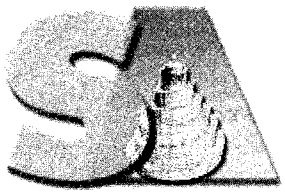
Prepared by:

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

April 24, 2007

APPENDIX C
Soil Sample
Laboratory Reports

Report Date:
27-Mar-07 17:35



☑ 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: NHRY M8 Acceptance Facility - New Haven, CT
Project 301-88

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA59464-01	M8F-4 2'-4'	Soil	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-02	M8F-5 2'-4'	Soil	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-03	M8F-6 2'-4'	Soil	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-04	M8F-12 2'-4'	Soil	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-05	M8F-13 2'-4'	Soil	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-06	M8F-49 2'-4'	Soil	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-07	M8F-50 2'-4'	Soil	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-08	M8F-51 2'-4'	Soil	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-09	M8FB-1	Ballast	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-10	M8FB-2	Ballast	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-11	M8FB-3	Ballast	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-12	M8FB-4	Ballast	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-13	M8FB-5	Ballast	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-14	M8FB-6	Ballast	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-15	M8FT-1	Wood	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-16	M8FT-2	Wood	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-17	FB-1	Blank Water	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-18	TB-1	Blank Water	15-Mar-07 00:00	19-Mar-07 15:33
SA59464-19	M8F-50GW	Ground Water	15-Mar-07 00:00	19-Mar-07 15:33

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

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

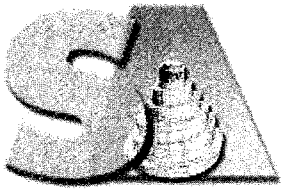
Authorized by:

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

Technical Reviewer's Initial:

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

Report Date:
28-Mar-07 09:55



☑ 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

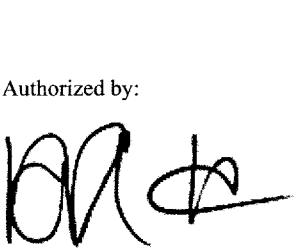
Project: NHRY M8 Acceptance Facility - New Haven, CT
Project 301-88

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA59517-01	M8F-1 2-4'	Soil	19-Mar-07 00:00	20-Mar-07 14:48
SA59517-02	M8F-2 2-4'	Soil	19-Mar-07 00:00	20-Mar-07 14:48
SA59517-03	M8F-3 2-4'	Soil	19-Mar-07 00:00	20-Mar-07 14:48
SA59517-04	M8F-14 2-4'	Soil	19-Mar-07 00:00	20-Mar-07 14:48
SA59517-05	M8F-15 4-6'	Soil	19-Mar-07 00:00	20-Mar-07 14:48
SA59517-06	M8F-26 2-4'	Soil	19-Mar-07 00:00	20-Mar-07 14:48
SA59517-07	M8F-32 2-4'	Soil	19-Mar-07 00:00	20-Mar-07 14:48
SA59517-08	M8F-40 2-4'	Soil	19-Mar-07 00:00	20-Mar-07 14:48
SA59517-09	M8F-41 4-6'	Soil	19-Mar-07 00:00	20-Mar-07 14:48
SA59517-10	M8F-45 4-6'	Soil	19-Mar-07 00:00	20-Mar-07 14:48
SA59517-11	M8F-46 2-4'	Soil	19-Mar-07 00:00	20-Mar-07 14:48
SA59517-12	M8F-47 2-4'	Soil	19-Mar-07 00:00	20-Mar-07 14:48
SA59517-13	M8F-14 GW	Ground Water	19-Mar-07 00:00	20-Mar-07 14:48
SA59517-14	FB-2	Blank Water	19-Mar-07 00:00	20-Mar-07 14:48
SA59517-15	TB-2	Blank Water	19-Mar-07 00:00	20-Mar-07 14:48

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 124 pages of analytical data plus Chain of Custody document(s).
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

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

Authorized by:

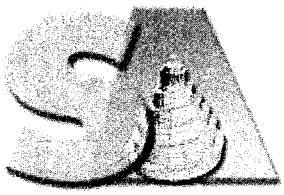


Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

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

Report Date:
29-Mar-07 16:45



☑ 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

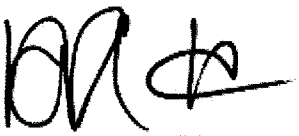
Project: NHRY M8 Acceptance Facility - New Haven, CT
Project 301-88

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA59641-01	M8F-16 2'-4'	Soil	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-02	M8F-17 4'-6'	Soil	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-03	M8F-18 2'-4'	Soil	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-04	M8F-19 2'-4'	Soil	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-05	M8F-20 2'-4'	Soil	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-06	M8F-22 2'-4'	Soil	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-07	M8F-23 2'-4'	Soil	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-08	M8F-24 2'-4'	Soil	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-09	M8F-25 2'-4'	Soil	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-10	M8F-27 2'-4'	Soil	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-11	M8F-28 2'-4'	Soil	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-12	M8F-29 2'-4'	Soil	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-13	M8F-30 2'-4'	Soil	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-14	M8F-31 2'-4'	Soil	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-15	M8F-33 2'-4'	Soil	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-16	M8F-34 4'-6'	Soil	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-17	M8F-24 GW	Ground Water	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-18	FB-3	Blank Water	21-Mar-07 00:00	22-Mar-07 15:35
SA59641-19	TB-3	Blank Water	21-Mar-07 00:00	22-Mar-07 15:35

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

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

Authorized by:

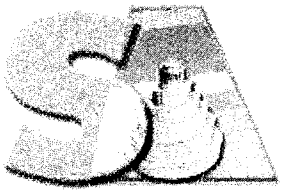


Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

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

Report Date:
04-Apr-07 13:06



☑ 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: NHRY M8 Acceptance Facility - New Haven, CT
Project 301-88

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA59803-01	M8F-7 2'-4'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-02	M8F-8 2'-4'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-03	M8F-9 2'-4'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-04	M8F-10 2'-4'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-05	M8F-11 2'-4'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-06	M8F-21 2'-4'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-07	M8F-35 2'-4'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-08	M8F-36 4'-6'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-09	M8F-37 2'-4'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-10	M8F-38 2'-4'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-11	M8F-39 2'-4'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-12	M8F-42 2'-4'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-13	M8F-43 2'-4'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-14	M8F-44 2'-4'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-15	M8F-48 2'-4'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-16	M8F-52 2'-4'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-17	M8F-53 2'-4'	Soil	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-18	M8F-42 GW	Ground Water	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-19	FB-4	Blank Water	26-Mar-07 00:00	27-Mar-07 12:50
SA59803-20	TB-4	Blank Water	26-Mar-07 00:00	27-Mar-07 12:50

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 154 pages of analytical data plus Chain of Custody document(s).
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

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

Authorized by:

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

Technical Reviewer's Initial:

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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-1 2-4' SA59517-01	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Mar-07	21-Mar-07	7031261	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	6.5	1	SW 846 8260B	22-Mar-07	22-Mar-07	7031335	RLJ
67-64-1	Acetone	BRL		µg/kg dry	130	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	64.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	32.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	64.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	64.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	64.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-1 2-4' SA59517-01	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.5	1	SW 846 8260B	22-Mar-07	22-Mar-07	7031335	RLJ
100-42-5	Styrene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	64.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	64.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	130	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*106*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*107*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.3	1	+CT ETPH	22-Mar-07	23-Mar-07	7031281	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.3	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.3	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.3	1	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	28.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	28.3	1	"	"	"	"	"
	Unidentified	159		mg/kg dry	28.3	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	28.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	159		mg/kg dry	28.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	159		mg/kg dry	28.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*163*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.01	1	SW846 8081A	22-Mar-07	26-Mar-07	7031275	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-1 2-4'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	6.01	1	SW846 8081A	22-Mar-07	26-Mar-07	7031275	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.01	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.01	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.01	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.0	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.01	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.01	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.01	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.01	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.01	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.01	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.01	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.01	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.01	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.01	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.01	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.01	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.0	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.01	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.01	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.01	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*43*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*106*		*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	22-Mar-07	24-Mar-07	7031274	MP
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)*	*65*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*		*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	701	1	SW846 8270C	22-Mar-07	24-Mar-07	7031279	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	701	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	701	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	701	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	701	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	701	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	701	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	1,120		µg/kg dry	701	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-1 2-4' SA59517-01	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	1,090		µg/kg dry	701	1	SW846 8270C	22-Mar-07	24-Mar-07	7031279	M.B
205-99-2	Benzo (b) fluoranthene	1,120		µg/kg dry	701	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	701	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	1,160		µg/kg dry	701	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	701	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	701	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	701	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	701	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	701	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	701	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	701	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	701	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	701	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	701	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	701	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	701	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	701	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	701	1	"	"	"	"	"
218-01-9	Chrysene	1,380		µg/kg dry	701	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	701	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	701	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	701	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	701	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	701	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	701	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	701	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	701	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	701	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	701	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	701	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	701	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	701	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	701	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	701	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	701	1	"	"	"	"	"
206-44-0	Fluoranthene	2,150		µg/kg dry	701	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	701	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	701	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	701	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	701	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	701	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	701	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	701	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	701	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	701	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	701	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	701	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	701	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	701	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	701	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-1 2-4'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2800	1	SW846 8270C	22-Mar-07	24-Mar-07	7031279	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	701	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	701	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2800	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	701	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	701	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	701	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	701	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	701	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	701	1	"	"	"	"	"
129-00-0	Pyrene	2,130		µg/kg dry	701	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	701	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	701	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	701	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	701	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*80*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*67*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*79*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*52*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*90*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*78*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.340		mg/kg dry	0.0340	1	SW846 7471A	26-Mar-07	27-Mar-07	7031322	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.14	1	EPA 200.7	26-Mar-07	26-Mar-07	7031321	HB
7440-38-2	Arsenic	3.76		mg/kg dry	1.71	1	"	"	"	"	"
7440-39-3	Barium	37.3		mg/kg dry	0.570	1	"	"	"	"	"
7440-43-9	Cadmium	0.394		mg/kg dry	0.285	1	"	"	"	"	"
7440-47-3	Chromium	82.6		mg/kg dry	0.570	1	"	"	"	"	"
7439-92-1	Lead	117		mg/kg dry	0.856	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.71	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-Mar-07	22-Mar-07	7031344	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-Mar-07	24-Mar-07	7031408	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0198		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0130		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	26-Mar-07	7031409	YP
7439-92-1	Lead	0.0319		mg/l	0.0075	1	SW846 1312/6010B	"	24-Mar-07	7031408	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	87.4		%		1	SM2540 G Mod.	23-Mar-07	23-Mar-07	7031429	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-2 2-4' SA59517-02	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Mar-07	21-Mar-07	7031261	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	5.9	1	SW 846 8260B	22-Mar-07	22-Mar-07	7031335	RLJ
67-64-1	Acetone	BRL		µg/kg dry	118	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	11.8	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	59.0	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	29.5	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	11.8	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.9	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	11.8	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	11.8	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	11.8	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	59.0	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	59.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	59.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.9	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-2 2-4'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.9	1	SW 846 8260B	22-Mar-07	22-Mar-07	7031335	RLJ
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	11.8	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	59.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	59.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	118	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*112*		*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	27.4	1	+CT ETPH	22-Mar-07	23-Mar-07	7031281	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	27.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	27.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	27.4	1	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	27.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	27.4	1	"	"	"	"	"
	Unidentified	83.5		mg/kg dry	27.4	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	27.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	83.5		mg/kg dry	27.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	83.5		mg/kg dry	27.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*115*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.13	1	SW846 8081A	22-Mar-07	26-Mar-07	7031275	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-2 2-4' SA59517-02	301-88	Soil	19-Mar-07 00:00	20-Mar-07

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											
319-84-6	a-BHC	BRL		µg/kg dry	6.13	1	SW846 8081A	22-Mar-07	26-Mar-07	7031275	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.13	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.13	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.13	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.6	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.13	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.13	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.13	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.13	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.13	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.13	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.13	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.13	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.13	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.13	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.13	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.13	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.6	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.13	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.13	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.13	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*89*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.3	1	SW846 8082	22-Mar-07	24-Mar-07	7031274	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11096-82-5	PCB 1260	58.8		µg/kg dry	12.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*		*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	679	1	SW846 8270C	22-Mar-07	24-Mar-07	7031279	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	679	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	679	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	679	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	679	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	679	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	679	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	679	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-2 2-4'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	679	1	SW846 8270C	22-Mar-07	24-Mar-07	7031279	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	679	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	679	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	679	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	679	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	679	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	679	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	679	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	679	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	679	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	679	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	679	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	679	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	679	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	679	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	679	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	679	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	679	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	679	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	679	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	679	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	679	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	679	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	679	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	679	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	679	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	679	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	679	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	679	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	679	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	679	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	679	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	679	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	679	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	679	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	679	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	679	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	679	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	679	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	679	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	679	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	679	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	679	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	679	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	679	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	679	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	679	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	679	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	679	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	679	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-2 2-4' SA59517-02	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2720	1	SW846 8270C	22-Mar-07	24-Mar-07	7031279	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	679	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	679	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2720	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	679	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	679	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	679	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	679	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	679	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	679	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	679	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	679	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	679	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	679	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	679	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*78*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*63*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*78*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*52*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*85*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*74*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.222		mg/kg dry	0.0327	1	SW846 7471A	26-Mar-07	27-Mar-07	7031322	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.07	1	EPA 200.7	26-Mar-07	27-Mar-07	7031321	HB
7440-38-2	Arsenic	3.97		mg/kg dry	1.60	1	"	"	"	"	"
7440-39-3	Barium	44.5		mg/kg dry	0.533	1	"	"	"	"	"
7440-43-9	Cadmium	0.490		mg/kg dry	0.266	1	"	"	"	"	"
7440-47-3	Chromium	44.3		mg/kg dry	0.533	1	"	"	"	"	"
7439-92-1	Lead	269		mg/kg dry	0.799	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.60	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-Mar-07	22-Mar-07	7031344	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-Mar-07	24-Mar-07	7031408	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0211		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0148		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	26-Mar-07	7031409	YP
7439-92-1	Lead	0.0424		mg/l	0.0075	1	SW846 1312/6010B	"	24-Mar-07	7031408	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	90.0		%		1	SM2540 G Mod.	23-Mar-07	23-Mar-07	7031429	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-3 2-4' SA59517-03	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Mar-07	21-Mar-07	7031261	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	7.5	1	SW 846 8260B	22-Mar-07	22-Mar-07	7031335	RLJ
67-64-1	Acetone	BRL		µg/kg dry	151	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.1	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	75.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	37.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.1	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.1	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.1	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	75.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	75.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	75.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-3 2-4' SA59517-03	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.5	1	SW 846 8260B	22-Mar-07	22-Mar-07	7031335	RLJ
100-42-5	Styrene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.1	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	75.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	75.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	151	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*109*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	44.1	1	+CT ETPH	22-Mar-07	23-Mar-07	7031281	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	44.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	44.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	44.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	44.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	44.1	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	44.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	44.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	44.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	44.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*120*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	7.11	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-3 2-4'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	7.11	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG
319-85-7	b-BHC	BRL		µg/kg dry	7.11	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.11	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.11	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	35.6	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	7.11	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	7.11	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	7.11	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.11	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.11	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.11	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.11	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.11	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.11	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.11	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.11	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	35.6	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.11	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.11	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.11	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*41*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	14.2	1	SW846 8082	22-Mar-07	24-Mar-07	7031274	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	14.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	14.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	14.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	14.2	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	14.2	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	14.2	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	14.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	14.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*		*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	547	1	SW846 8270C	22-Mar-07	24-Mar-07	7031279	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	547	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	547	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	547	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	547	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	547	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	547	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	547	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-3 2-4' SA59517-03	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	547	1	SW846 8270C	22-Mar-07	24-Mar-07	7031279	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	547	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	547	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	547	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	547	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	547	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	547	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	547	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	547	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	547	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	547	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	547	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	547	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	547	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	547	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	547	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	547	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	547	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	547	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	547	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	547	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	547	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	547	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	547	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	547	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	547	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	547	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	547	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	547	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	547	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	547	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	547	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	547	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	547	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	547	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	547	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	547	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	547	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	547	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	547	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	547	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	547	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	547	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	547	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	547	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	547	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	547	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	547	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	547	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	547	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-3 2-4' SA59517-03	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2190	1	SW846 8270C	22-Mar-07	24-Mar-07	7031279	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	547	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	547	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2190	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	547	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	547	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	547	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	547	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	547	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	547	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	547	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	547	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	547	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	547	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	547	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*80*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*58*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*79*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*48*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*89*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*77*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0373	1	SW846 7471A	26-Mar-07	27-Mar-07	7031322	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.19	1	EPA 200.7	26-Mar-07	27-Mar-07	7031321	HB
7440-38-2	Arsenic	8.30		mg/kg dry	1.78	1	"	"	"	"	"
7440-39-3	Barium	78.2		mg/kg dry	0.594	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.410	1	"	"	"	"	"
7440-47-3	Chromium	7.93		mg/kg dry	0.594	1	"	"	"	"	"
7439-92-1	Lead	35.8		mg/kg dry	0.890	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	22-Mar-07	22-Mar-07	7031344	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-Mar-07	24-Mar-07	7031408	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0110		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	"	26-Mar-07	7031409	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	24-Mar-07	7031408	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	80.3		%		1	SM2540 G Mod.	23-Mar-07	23-Mar-07	7031429	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-4 2'-4' SA59464-01	301-88	Soil	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	20-Mar-07	20-Mar-07	7031156	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	4.7	1	SW 846 8260B	21-Mar-07	22-Mar-07	7031233	TR
67-64-1	Acetone	BRL		µg/kg dry	94.3	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	4.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	9.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	47.2	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	23.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	9.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	4.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	9.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	4.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	47.2	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	47.2	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	47.2	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	4.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-4 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-01				

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)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.7	1	SW 846 8260B	21-Mar-07	22-Mar-07	7031233	TR
100-42-5	Styrene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	9.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	47.2	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	47.2	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	94.3	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	21.9	1	+CT ETPH	21-Mar-07	21-Mar-07	7031167	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	21.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	21.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	21.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	21.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	21.9	1	"	"	"	"	"
	Unidentified	67.4		mg/kg dry	21.9	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	21.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	67.4		mg/kg dry	21.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	67.4		mg/kg dry	21.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*121*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	5.93	1	SW846 8081A	20-Mar-07	25-Mar-07	7031068	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-4 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	5.93	1	SW846 8081A	20-Mar-07	25-Mar-07	7031068	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.93	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.93	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.93	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	29.6	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	8.20		µg/kg dry	5.93	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	8.71		µg/kg dry	5.93	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	14.2		µg/kg dry	5.93	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.93	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.93	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.93	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.93	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.93	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.93	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.93	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.93	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.93	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	29.6	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.93	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.93	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.93	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*49*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*103*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.9	1	SW846 8082	21-Mar-07	23-Mar-07	7031164	"
11104-28-2	PCB 1221	BRL		µg/kg dry	11.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.9	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.9	1	"	"	"	"	"
11096-82-5	PCB 1260	21.9		µg/kg dry	11.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*86*		*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	543	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	543	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	543	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	543	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	543	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	543	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	543	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	543	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-4 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	543	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	543	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	543	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	543	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	543	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	543	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	543	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	543	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	543	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	543	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	543	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	543	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	543	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	543	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	543	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	543	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	543	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	543	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	543	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	543	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	543	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	543	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	543	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	543	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	543	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	543	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	543	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	543	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	543	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	543	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	543	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	543	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	543	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	543	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	543	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	543	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	543	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	543	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	543	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	543	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	543	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	543	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	543	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	543	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	543	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	543	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	543	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	543	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	543	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	543	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-4 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2170	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	543	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	543	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2170	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	543	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	543	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	543	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	543	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	543	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	543	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	543	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	543	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	543	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	543	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	543	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*76*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*62*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*72*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*59*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*83*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*75*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.158		mg/kg dry	0.0341	1	SW846 7471A	23-Mar-07	26-Mar-07	7031306	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.02	1	EPA 200.7	23-Mar-07	24-Mar-07	7031305	HB
7440-38-2	Arsenic	9.90		mg/kg dry	1.52	1	"	"	"	"	"
7440-39-3	Barium	52.4		mg/kg dry	0.508	1	"	"	"	"	"
7440-43-9	Cadmium	1.19		mg/kg dry	0.254	1	"	"	"	"	"
7440-47-3	Chromium	26.2		mg/kg dry	0.508	1	"	"	"	"	"
7439-92-1	Lead	176		mg/kg dry	1.02	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.52	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-Mar-07	21-Mar-07	7031229	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	22-Mar-07	24-Mar-07	7031323	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0120		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0122		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	23-Mar-07	7031324	yp
7439-92-1	Lead	0.0217		mg/l	0.0075	1	SW846 1312/6010B	"	24-Mar-07	7031323	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	87.7		%		1	SM2540 G Mod.	22-Mar-07	22-Mar-07	7031307	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-5 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-02				

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	20-Mar-07	20-Mar-07	7031156	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	5.3	1	SW 846 8260B	21-Mar-07	22-Mar-07	7031233	TR
67-64-1	Acetone	BRL		µg/kg dry	105	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	10.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	52.6	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	10.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	10.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	52.6	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	52.6	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	52.6	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-5 2'-4' SA59464-02	301-88	Soil	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.3	1	SW 846 8260B	21-Mar-07	22-Mar-07	7031233	TR
100-42-5	Styrene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	7.5		µg/kg dry	5.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	10.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	52.6	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	52.6	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	105	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*102*		*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	24.1	1	+CT ETPH	21-Mar-07	21-Mar-07	7031167	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	24.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	24.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	24.1	1	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	24.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	24.1	1	"	"	"	"	"
	Unidentified	251		mg/kg dry	24.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	24.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	251		mg/kg dry	24.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	251		mg/kg dry	24.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*197*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	5.87	1	SW846 8081A	20-Mar-07	25-Mar-07	7031068	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-5 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-02				

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											
319-84-6	a-BHC	BRL		µg/kg dry	5.87	1	SW846 8081A	20-Mar-07	25-Mar-07	7031068	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.87	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.87	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.87	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	29.3	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.87	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.87	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.87	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.87	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.87	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.87	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.87	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.87	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.87	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.87	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.87	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.87	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	29.3	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.87	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.87	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.87	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*44*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*86*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.7	1	SW846 8082	21-Mar-07	23-Mar-07	7031164	"
11104-28-2	PCB 1221	BRL		µg/kg dry	11.7	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.7	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.7	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.7	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.7	1	"	"	"	"	"
11096-82-5	PCB 1260	39.9		µg/kg dry	11.7	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.7	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*		*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	597	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	597	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	597	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	597	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	597	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	597	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	597	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	597	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-5 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	597	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	597	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	597	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	597	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	597	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	597	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	597	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	597	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	597	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	597	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	597	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	597	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	597	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	597	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	597	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	597	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	597	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	597	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	597	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	597	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	597	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	597	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	597	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	597	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	597	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	597	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	597	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	597	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	597	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	597	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	597	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	597	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	597	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	597	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	597	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	597	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	597	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	597	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	597	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	597	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	597	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	597	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	597	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	597	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	597	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	597	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	597	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	597	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	597	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	597	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-5 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2390	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	597	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	597	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2390	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	597	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	597	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	597	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	597	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	597	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	597	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	597	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	597	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	597	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	597	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	597	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*80*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*63*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*69*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*45*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*88*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*74*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.190		mg/kg dry	0.0340	1	SW846 7471A	23-Mar-07	26-Mar-07	7031306	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.05	1	EPA 200.7	23-Mar-07	24-Mar-07	7031305	HB
7440-38-2	Arsenic	14.4		mg/kg dry	1.57	1	"	"	"	"	"
7440-39-3	Barium	53.6		mg/kg dry	0.524	1	"	"	"	"	"
7440-43-9	Cadmium	1.68		mg/kg dry	0.262	1	"	"	"	"	"
7440-47-3	Chromium	25.0		mg/kg dry	0.524	1	"	"	"	"	"
7439-92-1	Lead	268		mg/kg dry	1.05	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.57	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-Mar-07	21-Mar-07	7031229	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	22-Mar-07	23-Mar-07	7031323	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0170		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0105		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	23-Mar-07	7031324	yp
7439-92-1	Lead	0.0507		mg/l	0.0075	1	SW846 1312/6010B	"	23-Mar-07	7031323	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	87.5		%		1	SM2540 G Mod.	22-Mar-07	22-Mar-07	7031307	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-6 2'-4' SA59464-03	301-88	Soil	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	20-Mar-07	20-Mar-07	7031156	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	5.8	1	SW 846 8260B	21-Mar-07	22-Mar-07	7031233	TR
67-64-1	Acetone	BRL		µg/kg dry	116	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.8	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.8	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	11.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	57.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	29.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.8	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	11.6	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.8	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	11.6	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.6	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.8	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.6	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	57.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	57.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	57.9	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.8	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-6 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.8	1	SW 846 8260B	21-Mar-07	22-Mar-07	7031233	TR
100-42-5	Styrene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.8	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.8	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	11.6	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	57.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	57.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	116	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*109*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*96*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	25.4	1	+CT ETPH	21-Mar-07	21-Mar-07	7031167	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	25.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	25.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	25.4	1	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	25.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	25.4	1	"	"	"	"	"
	Unidentified	205		mg/kg dry	25.4	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	25.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	205		mg/kg dry	25.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	205		mg/kg dry	25.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*144*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.27	1	SW846 8081A	20-Mar-07	25-Mar-07	7031068	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-6 2'-4' SA59464-03	301-88	Soil	15-Mar-07 00:00	19-Mar-07

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											
319-84-6	a-BHC	BRL		µg/kg dry	6.27	1	SW846 8081A	20-Mar-07	25-Mar-07	7031068	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.27	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.27	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.27	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	31.4	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.27	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.27	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.27	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.27	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.27	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.27	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.27	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.27	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.27	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.27	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.27	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.27	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	31.4	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.27	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.27	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.27	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*108*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.5	1	SW846 8082	21-Mar-07	23-Mar-07	7031164	"
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	73.3		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)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*		*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	630	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	630	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	630	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	630	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	630	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	630	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	630	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	630	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-6 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	630	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	630	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	630	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	630	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	630	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	630	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	630	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	630	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	630	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	630	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	630	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	630	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	630	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	630	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	630	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	630	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	630	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	630	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	630	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	630	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	630	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	630	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	630	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	630	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	630	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	630	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	630	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	630	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	630	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	630	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	630	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	630	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	630	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	630	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	630	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	630	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	630	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	630	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	630	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	630	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	630	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	630	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	630	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	630	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	630	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	630	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	630	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	630	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	630	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	630	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-6 2'-4' SA59464-03	301-88	Soil	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2520	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	630	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	630	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2520	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	630	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	630	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	630	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	630	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	630	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	630	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	630	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	630	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	630	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	630	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	630	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*77*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*67*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*71*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*50*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*86*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*77*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.208		mg/kg dry	0.0342	1	SW846 7471A	23-Mar-07	26-Mar-07	7031306	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.13	1	EPA 200.7	23-Mar-07	24-Mar-07	7031305	HB
7440-38-2	Arsenic	13.6		mg/kg dry	1.70	1	"	"	"	"	"
7440-39-3	Barium	59.1		mg/kg dry	0.566	1	"	"	"	"	"
7440-43-9	Cadmium	1.97		mg/kg dry	0.283	1	"	"	"	"	"
7440-47-3	Chromium	23.1		mg/kg dry	0.566	1	"	"	"	"	"
7439-92-1	Lead	297		mg/kg dry	1.13	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.70	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-Mar-07	21-Mar-07	7031229	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	22-Mar-07	23-Mar-07	7031323	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0155		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0070		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	23-Mar-07	7031324	yp
7439-92-1	Lead	0.0454		mg/l	0.0075	1	SW846 1312/6010B	"	23-Mar-07	7031323	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	86.0		%		1	SM2540 G Mod.	22-Mar-07	22-Mar-07	7031307	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-7 2'-4' SA59803-01	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	28-Mar-07	28-Mar-07	7031767	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	21.0	1	SW 846 8260B	29-Mar-07	29-Mar-07	7031790	RLJ
67-64-1	Acetone	BRL		µg/kg dry	421	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	21.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	21.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	21.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	21.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	42.1	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	210	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	105	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	21.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	42.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	21.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	42.1	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	42.1	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	21.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	21.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	21.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	42.1	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	21.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	21.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	21.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	21.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	21.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	210	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	21.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	210	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	210	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	21.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-7 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-01				

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)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	21.0	1	SW 846 8260B	29-Mar-07	29-Mar-07	7031790	RLJ
100-42-5	Styrene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	21.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	21.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	21.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	21.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	21.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	21.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	21.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	42.1	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	21.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	210	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	21.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	21.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	21.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	21.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	210	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	421	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*106*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*96*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	1240	1	+CT ETPH	29-Mar-07	30-Mar-07	7031772	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	1240	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	1240	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	1240	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	1240	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	1240	1	"	"	"	"	"
	Unidentified	5,070		mg/kg dry	1240	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	1240	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	5,070		mg/kg dry	1240	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	5,070		mg/kg dry	1240	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*163*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	65.9	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-7 2'-4' SA59803-01	301-88	Soil	26-Mar-07 00:00	27-Mar-07

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	65.9	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	65.9	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	65.9	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	65.9	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	330	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	65.9	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	65.9	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	65.9	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	R01	µg/kg dry	65.9	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	65.9	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	65.9	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	65.9	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	65.9	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	65.9	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	65.9	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	65.9	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	65.9	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	330	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	65.9	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	65.9	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	65.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*59*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*108*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	132	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	132	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	132	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	132	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	132	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	132	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	132	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	132	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	132	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*		*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	768	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	768	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	768	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	768	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	768	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	768	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	768	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	3,850		µg/kg dry	768	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-7 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	768	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	768	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	768	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	768	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	768	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	768	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	768	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	768	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	768	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	768	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	768	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	768	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	768	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	768	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	768	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	768	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	768	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	768	1	"	"	"	"	"
218-01-9	Chrysene	4,900		µg/kg dry	768	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	768	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	768	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	768	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	768	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	768	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	768	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	768	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	768	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	768	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	768	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	768	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	768	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	768	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	768	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	768	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	768	1	"	"	"	"	"
206-44-0	Fluoranthene	9,370		µg/kg dry	768	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	768	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	768	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	768	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	768	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	768	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	768	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	768	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	768	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	768	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	768	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	768	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	768	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	768	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	768	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-7 2'-4' SA59803-01	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3070	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	768	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	768	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3070	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	768	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	768	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	768	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	768	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	768	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	768	1	"	"	"	"	"
129-00-0	Pyrene	10,200		µg/kg dry	768	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	768	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	768	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	768	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	768	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*58*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*73*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*60*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*64*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*46*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	1.71		mg/kg dry	0.0704	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	2.21	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	10.4		mg/kg dry	3.32	1	"	"	"	"	"
7440-39-3	Barium	91.6		mg/kg dry	1.11	1	"	"	"	"	"
7440-43-9	Cadmium	0.818		mg/kg dry	0.553	1	"	"	"	"	"
7440-47-3	Chromium	22.5		mg/kg dry	1.11	1	"	"	"	"	"
7439-92-1	Lead	57.4		mg/kg dry	1.66	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	3.32	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0106		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	41.5		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-8 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-02				

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	28-Mar-07	28-Mar-07	7031767	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	6.5	1	SW 846 8260B	29-Mar-07	29-Mar-07	7031790	RLJ
67-64-1	Acetone	BRL		µg/kg dry	129	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.9	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	64.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	32.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.9	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.9	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.9	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	64.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	64.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	64.7	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-8 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.5	1	SW 846 8260B	29-Mar-07	29-Mar-07	7031790	RLJ
100-42-5	Styrene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.9	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	64.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	64.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	129	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*88*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	667	1	+CT ETPH	29-Mar-07	30-Mar-07	7031772	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	667	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	667	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	667	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	667	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	667	1	"	"	"	"	"
	Unidentified	3,020		mg/kg dry	667	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	667	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	3,020		mg/kg dry	667	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	3,020		mg/kg dry	667	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*160*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	26.2	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-8 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-02				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	26.2	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	26.2	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	26.2	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	26.2	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	131	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	26.2	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	26.2	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	26.2	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	R01	µg/kg dry	26.2	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	26.2	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	26.2	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	26.2	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	26.2	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	26.2	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	26.2	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	26.2	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	26.2	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	131	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	26.2	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	26.2	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	26.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*58*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*146*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	52.3	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	52.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	52.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	52.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	52.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	52.3	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	52.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	52.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	52.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*35*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*		*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	827	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	827	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	827	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	827	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	827	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	827	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	827	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	1,740		µg/kg dry	827	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-8 2'-4' SA59803-02	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	827	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	827	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	827	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	827	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	827	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	827	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	827	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	827	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	827	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	827	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	827	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	827	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	827	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	827	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	827	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	827	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	827	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	827	1	"	"	"	"	"
218-01-9	Chrysene	2,170		µg/kg dry	827	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	827	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	827	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	827	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	827	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	827	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	827	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	827	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	827	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	827	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	827	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	827	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	827	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	827	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	827	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	827	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	827	1	"	"	"	"	"
206-44-0	Fluoranthene	4,110		µg/kg dry	827	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	827	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	827	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	827	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	827	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	827	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	827	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	827	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	827	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	827	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	827	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	827	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	827	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	827	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	827	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-8 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3310	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	827	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	827	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3310	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	827	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	827	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	827	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	827	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	827	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	827	1	"	"	"	"	"
129-00-0	Pyrene	5,650		µg/kg dry	827	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	827	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	827	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	827	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	827	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*60*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*62*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*63*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*48*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*66*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*43*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.912		mg/kg dry	0.0336	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.03	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	4.86		mg/kg dry	1.54	1	"	"	"	"	"
7440-39-3	Barium	47.0		mg/kg dry	0.515	1	"	"	"	"	"
7440-43-9	Cadmium	0.417		mg/kg dry	0.257	1	"	"	"	"	"
7440-47-3	Chromium	10.1		mg/kg dry	0.515	1	"	"	"	"	"
7439-92-1	Lead	28.3		mg/kg dry	0.772	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.54	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0120		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	86.6		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-9 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-03				

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	28-Mar-07	28-Mar-07	7031767	BD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	61.7	50	SW 846 8260B	02-Apr-07	02-Apr-07	7040017	mar
67-64-1	Acetone	BRL		µg/kg dry	1230	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	61.7	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	61.7	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	61.7	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	61.7	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	123	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	617	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	308	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	61.7	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	123	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	61.7	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	123	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	123	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	61.7	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	61.7	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	61.7	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	123	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	61.7	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	61.7	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	61.7	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	61.7	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	61.7	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	617	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	61.7	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	617	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	617	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	61.7	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-9 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	61.7	50	SW 846 8260B	02-Apr-07	02-Apr-07	7040017	mar
100-42-5	Styrene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	61.7	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	61.7	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	61.7	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	61.7	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	61.7	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	61.7	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	61.7	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	123	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	61.7	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	617	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	61.7	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	61.7	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	61.7	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	61.7	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	617	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1230	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*92*		*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	605	1	+CT ETPH	29-Mar-07	30-Mar-07	7031772	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	605	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	605	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	605	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	605	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	605	1	"	"	"	"	"
	Unidentified	2,450		mg/kg dry	605	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	605	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	2,450		mg/kg dry	605	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	2,450		mg/kg dry	605	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*143*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	33.8	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-9 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	33.8	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	33.8	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	33.8	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	33.8	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	169	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	33.8	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	33.8	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	33.8	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	R01	µg/kg dry	33.8	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	33.8	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	33.8	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	33.8	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	33.8	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	33.8	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	33.8	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	33.8	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	33.8	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	169	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	33.8	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	33.8	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	33.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*69*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*104*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	67.7	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	67.7	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	67.7	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	67.7	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	67.7	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	67.7	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	67.7	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	67.7	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	67.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*		*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	750	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	750	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	750	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	750	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	750	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	750	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	750	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	1,700		µg/kg dry	750	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-9 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	750	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	750	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	750	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	750	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	750	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	750	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	750	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	750	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	750	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	750	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	750	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	750	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	750	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	750	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	750	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	750	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	750	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	750	1	"	"	"	"	"
218-01-9	Chrysene	2,270		µg/kg dry	750	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	750	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	750	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	750	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	750	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	750	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	750	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	750	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	750	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	750	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	750	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	750	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	750	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	750	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	750	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	750	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	750	1	"	"	"	"	"
206-44-0	Fluoranthene	3,610		µg/kg dry	750	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	750	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	750	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	750	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	750	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	750	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	750	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	750	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	750	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	750	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	750	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	750	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	750	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	750	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	750	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-9 2'-4' SA59803-03	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3000	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	750	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	750	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3000	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	750	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	750	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	750	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	750	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	750	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	750	1	"	"	"	"	"
129-00-0	Pyrene	3,940		µg/kg dry	750	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	750	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	750	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	750	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	750	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*57*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*52*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*72*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*50*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*66*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*45*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.631		mg/kg dry	0.0322	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.08	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	3.38		mg/kg dry	1.62	1	"	"	"	"	"
7440-39-3	Barium	33.9		mg/kg dry	0.541	1	"	"	"	"	"
7440-43-9	Cadmium	0.411		mg/kg dry	0.271	1	"	"	"	"	"
7440-47-3	Chromium	8.49		mg/kg dry	0.541	1	"	"	"	"	"
7439-92-1	Lead	26.2		mg/kg dry	0.812	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.62	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0106		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	90.6		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-10 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	28-Mar-07	28-Mar-07	7031767	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	7.4	1	SW 846 8260B	29-Mar-07	29-Mar-07	7031790	RLJ
67-64-1	Acetone	BRL		µg/kg dry	147	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	14.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	73.5	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	36.8	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	14.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	14.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	73.5	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	73.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	73.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.4	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-10 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.4	1	SW 846 8260B	29-Mar-07	29-Mar-07	7031790	RLJ
100-42-5	Styrene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	14.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	73.5	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	73.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	147	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*105*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*122*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*76*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	724	1	+CT ETPH	29-Mar-07	30-Mar-07	7031772	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	724	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	724	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	724	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	724	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	724	1	"	"	"	"	"
	Unidentified	2,660		mg/kg dry	724	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	724	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	2,660		mg/kg dry	724	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	2,660		mg/kg dry	724	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*151*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	39.0	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-10 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	39.0	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	39.0	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	39.0	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	39.0	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	195	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	39.0	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	39.0	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	39.0	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	R01	µg/kg dry	39.0	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	39.0	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	39.0	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	39.0	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	39.0	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	39.0	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	39.0	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	39.0	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	39.0	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	195	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	39.0	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	39.0	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	39.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*61*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*97*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	78.0	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	78.0	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	78.0	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	78.0	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	78.0	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	78.0	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	78.0	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	78.0	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	78.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*		*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	898	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	898	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	898	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	898	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	898	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	898	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	898	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	898	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-10 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	898	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	898	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	898	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	898	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	898	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	898	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	898	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	898	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	898	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	898	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	898	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	898	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	898	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	898	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	898	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	898	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	898	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	898	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	898	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	898	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	898	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	898	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	898	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	898	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	898	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	898	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	898	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	898	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	898	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	898	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	898	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	898	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	898	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	898	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	898	1	"	"	"	"	"
206-44-0	Fluoranthene	2,680		µg/kg dry	898	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	898	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	898	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	898	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	898	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	898	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	898	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	898	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	898	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	898	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	898	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	898	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	898	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	898	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	898	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-10 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3590	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	898	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	898	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3590	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	898	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	898	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	898	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	898	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	898	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	898	1	"	"	"	"	"
129-00-0	Pyrene	2,940		µg/kg dry	898	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	898	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	898	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	898	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	898	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*58*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*47*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*77*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*44*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*66*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*43*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.375		mg/kg dry	0.0368	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	10.1		mg/kg dry	1.11	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	6.54		mg/kg dry	1.66	1	"	"	"	"	"
7440-39-3	Barium	52.1		mg/kg dry	0.553	1	"	"	"	"	"
7440-43-9	Cadmium	0.520		mg/kg dry	0.277	1	"	"	"	"	"
7440-47-3	Chromium	7.28		mg/kg dry	0.553	1	"	"	"	"	"
7439-92-1	Lead	87.5		mg/kg dry	0.830	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.94	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0060		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	80.1		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-11 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-05				

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	28-Mar-07	28-Mar-07	7031767	BD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	67.3	50	SW 846 8260B	02-Apr-07	02-Apr-07	7040017	mar
67-64-1	Acetone	BRL		µg/kg dry	1350	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	67.3	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	67.3	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	67.3	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	67.3	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	135	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	673	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	336	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	67.3	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	135	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	67.3	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	135	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	135	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	67.3	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	67.3	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	67.3	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	135	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	67.3	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	67.3	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	67.3	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	67.3	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	67.3	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	673	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	67.3	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	673	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	673	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	67.3	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-11 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	67.3	50	SW 846 8260B	02-Apr-07	02-Apr-07	7040017	mar
100-42-5	Styrene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	67.3	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	67.3	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	67.3	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	67.3	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	67.3	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	67.3	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	67.3	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	135	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	67.3	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	673	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	67.3	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	67.3	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	67.3	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	67.3	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	673	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1350	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*94*		*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	65.2	1	+CT ETPH	29-Mar-07	30-Mar-07	7031772	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	65.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	65.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	65.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	65.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	65.2	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	65.2	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	65.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	65.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	65.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*129*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	33.2	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-11 2'-4' SA59803-05	301-88	Soil	26-Mar-07 00:00	27-Mar-07

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	33.2	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	33.2	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	33.2	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	33.2	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	166	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	33.2	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	33.2	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	33.2	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	R01	µg/kg dry	33.2	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	33.2	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	33.2	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	33.2	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	33.2	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	33.2	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	33.2	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	33.2	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	33.2	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	166	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	33.2	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	33.2	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	33.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*62*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*107*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	66.4	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	66.4	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	66.4	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	66.4	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	66.4	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	66.4	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	66.4	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	66.4	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	66.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*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	808	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	808	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	808	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	808	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	808	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	808	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	808	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	808	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-11 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	808	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	808	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	808	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	808	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	808	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	808	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	808	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	808	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	808	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	808	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	808	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	808	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	808	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	808	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	808	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	808	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	808	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	808	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	808	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	808	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	808	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	808	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	808	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	808	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	808	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	808	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	808	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	808	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	808	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	808	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	808	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	808	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	808	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	808	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	808	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	808	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	808	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	808	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	808	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	808	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	808	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	808	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	808	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	808	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	808	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	808	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	808	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	808	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	808	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	808	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-11 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3230	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	808	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	808	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3230	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	808	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	808	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	808	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	808	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	808	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	808	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	808	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	808	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	808	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	808	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	808	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*53*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*58*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*77*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*48*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*75*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*49*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.342		mg/kg dry	0.0338	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.10	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	7.89		mg/kg dry	1.64	1	"	"	"	"	"
7440-39-3	Barium	76.0		mg/kg dry	0.548	1	"	"	"	"	"
7440-43-9	Cadmium	0.515		mg/kg dry	0.274	1	"	"	"	"	"
7440-47-3	Chromium	9.03		mg/kg dry	0.548	1	"	"	"	"	"
7439-92-1	Lead	152		mg/kg dry	0.822	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.64	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0335		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	88.6		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-12 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	20-Mar-07	20-Mar-07	7031156	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	4.9	1	SW 846 8260B	21-Mar-07	22-Mar-07	7031233	TR
67-64-1	Acetone	BRL		µg/kg dry	98.6	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.9	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	4.9	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	9.9	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	49.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	24.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	9.9	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	4.9	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	9.9	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.9	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.9	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	49.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	49.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	49.3	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	4.9	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-12 2'-4' SA59464-04	301-88	Soil	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.9	1	SW 846 8260B	21-Mar-07	22-Mar-07	7031233	TR
100-42-5	Styrene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.9	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	9.9	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	49.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	49.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	98.6	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*	*101*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	34.1	1	+CT ETPH	21-Mar-07	21-Mar-07	7031167	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	34.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	34.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	34.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	34.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	34.1	1	"	"	"	"	"
	Unidentified	263		mg/kg dry	34.1	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	34.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	263		mg/kg dry	34.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	263		mg/kg dry	34.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*246*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.48	1	SW846 8081A	20-Mar-07	25-Mar-07	7031068	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-12 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	6.48	1	SW846 8081A	20-Mar-07	25-Mar-07	7031068	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.48	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.48	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.48	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.4	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.48	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.48	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.48	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.48	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.48	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.48	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.48	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.48	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.48	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.48	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.48	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.48	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.4	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.48	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.48	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.48	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*47*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*109*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.0	1	SW846 8082	21-Mar-07	23-Mar-07	7031164	"
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	1,150		µg/kg dry	13.0	1	"	"	"	"	"
11096-82-5	PCB 1260	970		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)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*		*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	846	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	846	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	846	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	846	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	846	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	846	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	846	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	846	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-12 2'-4' SA59464-04	301-88	Soil	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	846	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	846	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	846	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	846	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	846	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	846	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	846	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	846	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	846	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	846	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	846	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	846	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	846	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	846	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	846	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	846	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	846	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	846	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	846	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	846	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	846	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	846	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	846	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	846	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	846	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	846	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	846	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	846	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	846	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	846	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	846	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	846	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	846	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	846	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	846	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	846	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	846	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	846	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	846	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	846	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	846	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	846	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	846	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	846	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	846	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	846	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	846	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	846	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	846	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	846	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-12 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3380	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	846	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	846	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3380	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	846	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	846	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	846	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	846	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	846	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	846	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	846	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	846	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	846	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	846	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	846	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*76*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*64*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*67*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*66*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*84*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*76*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.908		mg/kg dry	0.0352	1	SW846 7471A	23-Mar-07	26-Mar-07	7031306	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.21	1	EPA 200.7	23-Mar-07	24-Mar-07	7031305	HB
7440-38-2	Arsenic	12.2		mg/kg dry	1.81	1	"	"	"	"	"
7440-39-3	Barium	72.3		mg/kg dry	0.603	1	"	"	"	"	"
7440-43-9	Cadmium	1.35		mg/kg dry	0.301	1	"	"	"	"	"
7440-47-3	Chromium	16.0		mg/kg dry	0.603	1	"	"	"	"	"
7439-92-1	Lead	339		mg/kg dry	1.21	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	21-Mar-07	21-Mar-07	7031229	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	22-Mar-07	23-Mar-07	7031323	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0263		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	"	23-Mar-07	7031324	yp
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	23-Mar-07	7031323	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	82.8		%		1	SM2540 G Mod.	22-Mar-07	22-Mar-07	7031307	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-13 2'-4' SA59464-05	301-88	Soil	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	20-Mar-07	20-Mar-07	7031156	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	3.3	1	SW 846 8260B	21-Mar-07	22-Mar-07	7031233	TR
67-64-1	Acetone	BRL		µg/kg dry	66.5	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	3.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	3.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	33.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	16.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	3.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	3.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	3.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	3.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	33.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	3.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	33.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	33.3	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	3.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-13 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.3	1	SW 846 8260B	21-Mar-07	22-Mar-07	7031233	TR
100-42-5	Styrene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	3.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	33.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	3.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	3.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	3.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	3.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	33.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	66.5	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*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	148	5	+CT ETPH	21-Mar-07	21-Mar-07	7031167	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	148	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	148	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	148	5	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	148	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	148	5	"	"	"	"	"
	Unidentified	899		mg/kg dry	148	5	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	148	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	899		mg/kg dry	148	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	899		mg/kg dry	148	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*187*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.14	1	SW846 8081A	20-Mar-07	25-Mar-07	7031068	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-13 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	6.14	1	SW846 8081A	20-Mar-07	25-Mar-07	7031068	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.14	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.14	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.14	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.7	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.14	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.14	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.14	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.14	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.14	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.14	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.14	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.14	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.14	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.14	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.14	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.14	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.14	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.14	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.14	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*46*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*53*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.3	1	SW846 8082	21-Mar-07	23-Mar-07	7031164	"
11104-28-2	PCB 1221	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11097-69-1	PCB 1254	2,260		µg/kg dry	12.3	1	"	"	"	"	"
11096-82-5	PCB 1260	1,240		µg/kg dry	12.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*40*		*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	736	1	SW846 8270C	22-Mar-07	26-Mar-07	7031278	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	736	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	736	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	736	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	736	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	736	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	736	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	736	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-13 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	736	1	SW846 8270C	22-Mar-07	26-Mar-07	7031278	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	736	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	736	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	736	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	736	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	736	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	736	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	736	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	736	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	736	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	736	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	736	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	736	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	736	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	736	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	736	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	736	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	736	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	736	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	736	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	736	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	736	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	736	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	736	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	736	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	736	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	736	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	736	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	736	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	736	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	736	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	736	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	736	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	736	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	736	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	736	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	736	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	736	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	736	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	736	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	736	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	736	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	736	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	736	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	736	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	736	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	736	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	736	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	736	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	736	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-13 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2950	1	SW846 8270C	22-Mar-07	26-Mar-07	7031278	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	736	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	736	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2950	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	736	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	736	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	736	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	736	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	736	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	736	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	736	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	736	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	736	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	736	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	736	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*77*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*65*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*72*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*66*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*100*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*79*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.242		mg/kg dry	0.0344	1	SW846 7471A	23-Mar-07	26-Mar-07	7031306	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.990	1	EPA 200.7	23-Mar-07	24-Mar-07	7031305	HB
7440-38-2	Arsenic	13.1		mg/kg dry	1.48	1	"	"	"	"	"
7440-39-3	Barium	66.4		mg/kg dry	0.495	1	"	"	"	"	"
7440-43-9	Cadmium	1.18		mg/kg dry	0.247	1	"	"	"	"	"
7440-47-3	Chromium	20.5		mg/kg dry	0.495	1	"	"	"	"	"
7439-92-1	Lead	518		mg/kg dry	0.990	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.48	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-Mar-07	21-Mar-07	7031229	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	22-Mar-07	23-Mar-07	7031323	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0216		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	"	23-Mar-07	7031324	yp
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	23-Mar-07	7031323	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	86.9		%		1	SM2540 G Mod.	22-Mar-07	22-Mar-07	7031307	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-14 2-4' SA59517-04	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Mar-07	21-Mar-07	7031261	BD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	67.8	50	SW 846 8260B	27-Mar-07	27-Mar-07	7031602	mar
67-64-1	Acetone	BRL		µg/kg dry	1360	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	67.8	50	"	"	"	"	"
71-43-2	Benzene	1,520		µg/kg dry	67.8	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	67.8	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	67.8	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	67.8	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	136	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	678	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	339	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	67.8	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	136	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	67.8	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	136	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	136	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	67.8	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	67.8	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	67.8	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	136	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	67.8	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	67.8	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	67.8	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	67.8	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	67.8	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
100-41-4	Ethylbenzene	309		µg/kg dry	67.8	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	678	50	"	"	"	"	"
98-82-8	Isopropylbenzene	75.3		µg/kg dry	67.8	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	67.8	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	678	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	678	50	"	"	"	"	"
91-20-3	Naphthalene	447		µg/kg dry	67.8	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-14 2-4'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	143		µg/kg dry	67.8	50	SW 846 8260B	27-Mar-07	27-Mar-07	7031602	mar
100-42-5	Styrene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	67.8	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	67.8	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
108-88-3	Toluene	3,020		µg/kg dry	67.8	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	67.8	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	67.8	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	67.8	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	67.8	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	209		µg/kg dry	67.8	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	67.8	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	67.8	50	"	"	"	"	"
1330-20-7	m,p-Xylene	906		µg/kg dry	136	50	"	"	"	"	"
95-47-6	o-Xylene	507		µg/kg dry	67.8	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	678	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	67.8	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	67.8	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	67.8	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	67.8	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	678	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1360	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*107*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*92*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	30.5	1	+CT ETPH	22-Mar-07	23-Mar-07	7031281	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.5	1	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	30.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	30.5	1	"	"	"	"	"
	Unidentified	380		mg/kg dry	30.5	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	30.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	380		mg/kg dry	30.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	380		mg/kg dry	30.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*335*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.41	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG

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
M8F-14 2-4' SA59517-04	301-88	Soil	19-Mar-07 00:00	20-Mar-07

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											
319-84-6	a-BHC	BRL		µg/kg dry	6.41	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.41	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.41	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.41	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.0	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.41	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.41	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.41	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.41	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.41	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.41	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.41	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.41	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.41	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.41	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.41	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.41	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.0	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.41	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.41	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.41	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*32*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*58*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.8	1	SW846 8082	22-Mar-07	24-Mar-07	7031274	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	12.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*35*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*		*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	757	1	SW846 8270C	22-Mar-07	24-Mar-07	7031279	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	757	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	757	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	757	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	757	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	757	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	757	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	1,510		µg/kg dry	757	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-14 2-4'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	1,890		µg/kg dry	757	1	SW846 8270C	22-Mar-07	24-Mar-07	7031279	M.B
205-99-2	Benzo (b) fluoranthene	1,860		µg/kg dry	757	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	958		µg/kg dry	757	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	2,030		µg/kg dry	757	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	757	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	757	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	757	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	757	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	757	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	757	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	757	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	757	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	757	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	757	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	757	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	757	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	757	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	757	1	"	"	"	"	"
218-01-9	Chrysene	1,840		µg/kg dry	757	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	757	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	757	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	757	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	757	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	757	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	757	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	757	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	757	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	757	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	757	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	757	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	757	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	757	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	757	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	757	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	757	1	"	"	"	"	"
206-44-0	Fluoranthene	2,820		µg/kg dry	757	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	757	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	757	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	757	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	757	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	757	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	968		µg/kg dry	757	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	757	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	757	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	757	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	757	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	757	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	757	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	757	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	757	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-14 2-4' SA59517-04	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3030	1	SW846 8270C	22-Mar-07	24-Mar-07	7031279	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	757	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	757	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3030	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	757	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	757	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	757	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	757	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	757	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	757	1	"	"	"	"	"
129-00-0	Pyrene	2,450		µg/kg dry	757	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	757	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	757	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	757	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	757	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*75*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*57*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*72*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*51*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*80*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*75*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.270		mg/kg dry	0.0342	1	SW846 7471A	26-Mar-07	27-Mar-07	7031322	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.14	1	EPA 200.7	26-Mar-07	27-Mar-07	7031321	HB
7440-38-2	Arsenic	9.01		mg/kg dry	1.71	1	"	"	"	"	"
7440-39-3	Barium	96.6		mg/kg dry	0.571	1	"	"	"	"	"
7440-43-9	Cadmium	0.600		mg/kg dry	0.286	1	"	"	"	"	"
7440-47-3	Chromium	28.3		mg/kg dry	0.571	1	"	"	"	"	"
7439-92-1	Lead	292		mg/kg dry	0.857	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.71	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-Mar-07	22-Mar-07	7031344	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-Mar-07	24-Mar-07	7031408	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0142		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	26-Mar-07	7031409	YP
7439-92-1	Lead	0.0310		mg/l	0.0075	1	SW846 1312/6010B	"	24-Mar-07	7031408	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	86.3		%		1	SM2540 G Mod.	23-Mar-07	23-Mar-07	7031429	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-15 4-6'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Mar-07	21-Mar-07	7031261	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	7.3	1	SW 846 8260B	22-Mar-07	23-Mar-07	7031335	RLJ
67-64-1	Acetone	BRL		µg/kg dry	146	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	14.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	73.1	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	36.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	14.6	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	14.6	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.6	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.6	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	73.1	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	73.1	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	73.1	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-15 4-6'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.3	1	SW 846 8260B	22-Mar-07	23-Mar-07	7031335	RLJ
100-42-5	Styrene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-88-3	Toluene	8.0		µg/kg dry	7.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	14.6	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	73.1	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	73.1	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	146	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*107*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	20.6	1	+CT ETPH	22-Mar-07	26-Mar-07	7031284	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	20.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	20.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	20.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	20.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	20.6	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	20.6	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	20.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	20.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	20.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*75*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	7.10	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-15 4-6'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	7.10	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG
319-85-7	b-BHC	BRL		µg/kg dry	7.10	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.10	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.10	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	35.5	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	7.10	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	7.10	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	7.10	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.10	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.10	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.10	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.10	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.10	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.10	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.10	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.10	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	35.5	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.10	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.10	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.10	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*36*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*127*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	14.2	1	SW846 8082	22-Mar-07	24-Mar-07	7031274	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	14.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	14.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	14.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	14.2	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	14.2	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	14.2	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	14.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	14.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*		*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	510	1	SW846 8270C	22-Mar-07	24-Mar-07	7031279	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	510	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	510	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	510	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	510	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	510	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	510	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	510	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-15 4-6'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	510	1	SW846 8270C	22-Mar-07	24-Mar-07	7031279	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	510	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	510	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	510	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	510	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	510	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	510	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	510	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	510	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	510	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	510	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	510	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	510	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	510	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	510	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	510	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	510	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	510	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	510	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	510	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	510	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	510	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	510	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	510	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	510	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	510	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	510	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	510	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	510	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	510	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	510	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	510	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	510	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	510	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	510	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	510	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	510	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	510	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	510	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	510	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	510	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	510	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	510	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	510	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	510	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	510	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	510	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	510	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	510	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	510	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-15 4-6'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2040	1	SW846 8270C	22-Mar-07	24-Mar-07	7031279	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	510	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	510	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2040	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	510	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	510	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	510	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	510	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	510	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	510	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	510	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	510	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	510	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	510	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	510	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*77*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*62*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*77*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*64*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*84*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*77*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0698		mg/kg dry	0.0382	1	SW846 7471A	26-Mar-07	27-Mar-07	7031322	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.28	1	EPA 200.7	26-Mar-07	27-Mar-07	7031321	HB
7440-38-2	Arsenic	29.3		mg/kg dry	1.91	1	"	"	"	"	"
7440-39-3	Barium	156		mg/kg dry	0.638	1	"	"	"	"	"
7440-43-9	Cadmium	0.561		mg/kg dry	0.319	1	"	"	"	"	"
7440-47-3	Chromium	34.7		mg/kg dry	0.638	1	"	"	"	"	"
7439-92-1	Lead	841		mg/kg dry	0.957	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.91	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-Mar-07	22-Mar-07	7031344	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-Mar-07	24-Mar-07	7031408	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0418		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0120		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	26-Mar-07	7031409	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	24-Mar-07	7031408	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	77.5		%		1	SM2540 G Mod.	23-Mar-07	23-Mar-07	7031429	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-16 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	26-Mar-07	26-Mar-07	7031584	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	5.4	1	SW 846 8260B	28-Mar-07	28-Mar-07	7031693	RLJ
67-64-1	Acetone	BRL		µg/kg dry	107	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	10.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	53.6	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.8	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	10.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	10.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	53.6	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	53.6	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	53.6	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.4	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-16 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-01				

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)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.4	1	SW 846 8260B	28-Mar-07	28-Mar-07	7031693	RLJ
100-42-5	Styrene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	10.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	53.6	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	53.6	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	107	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*116*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	38.4	1	+CT ETPH	26-Mar-07	28-Mar-07	7031513	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	38.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	38.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	38.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	38.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	38.4	1	"	"	"	"	"
	Unidentified	345		mg/kg dry	38.4	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	38.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	345		mg/kg dry	38.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	345		mg/kg dry	38.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*110*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	6.09	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG

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
M8F-16 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	6.09	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.09	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.09	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.09	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.4	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.09	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.09	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.09	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.09	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.09	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.09	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.09	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.09	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.09	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.09	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.09	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.09	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.4	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.09	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.09	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.09	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*74*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*111*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.2	1	SW846 8082	26-Mar-07	"	7031515	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11096-82-5	PCB 1260	27.4		µg/kg dry	12.2	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*		*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	476	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	476	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	476	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	476	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	476	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	476	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	476	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	476	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-16 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	476	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	476	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	476	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	476	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	476	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	476	5	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	476	5	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	476	5	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	476	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	476	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	476	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	476	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	476	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	476	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	476	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	476	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	476	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	476	5	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	476	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	476	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	476	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	476	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	476	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	476	5	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	476	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	476	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	476	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	476	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	476	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	476	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	476	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	476	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	476	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	476	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	476	5	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	476	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	476	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	476	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	476	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	476	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	476	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	476	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	476	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	476	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	476	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	476	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	476	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	476	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	476	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	476	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-16 2'-4' SA59641-01	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1900	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	476	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	476	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1900	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	476	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	476	5	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	476	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	476	5	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	476	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	476	5	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	476	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	476	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	476	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	476	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	476	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*59*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*47*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*48*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*51*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*68*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*55*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0707		mg/kg dry	0.0309	1	SW846 7471A	28-Mar-07	28-Mar-07	7031495	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.976	1	EPA 200.7	28-Mar-07	28-Mar-07	7031494	RM
7440-38-2	Arsenic	5.59		mg/kg dry	1.46	1	"	"	"	"	"
7440-39-3	Barium	28.8		mg/kg dry	0.488	1	"	"	"	"	"
7440-43-9	Cadmium	0.615		mg/kg dry	0.244	1	"	"	"	"	"
7440-47-3	Chromium	30.4		mg/kg dry	0.488	1	"	"	"	"	"
7439-92-1	Lead	49.7		mg/kg dry	0.732	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.46	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Mar-07	26-Mar-07	7031560	BD
7440-22-4	Silver	BRL		mg/l	0.0200	1	SW846 1312/6010B	28-Mar-07	28-Mar-07	7031651	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0577		mg/l	0.0150	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0193		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	28-Mar-07	7031652	YP
7439-92-1	Lead	0.0161		mg/l	0.0150	1	SW846 1312/6010B	"	28-Mar-07	7031651	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	94.1		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031470	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-17 4'-6'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-02				

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	26-Mar-07	26-Mar-07	7031584	BD
	Volatile Organic Compounds		R05								
	Prepared by method SW846 5030 Soil (high level)										
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	69.2	50	SW 846 8260B	27-Mar-07	28-Mar-07	7031642	mar
67-64-1	Acetone	BRL		µg/kg dry	1380	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	69.2	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	69.2	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	69.2	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	69.2	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	138	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	692	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	346	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	69.2	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	138	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	69.2	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	138	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	138	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	69.2	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	69.2	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	69.2	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	138	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	69.2	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	69.2	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	69.2	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	69.2	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	69.2	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	692	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	69.2	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	692	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	692	50	"	"	"	"	"
91-20-3	Naphthalene	268		µg/kg dry	69.2	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-17 4'-6' SA59641-02	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			R05								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	69.2	50	SW 846 8260B	27-Mar-07	28-Mar-07	7031642	mar
100-42-5	Styrene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	69.2	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	69.2	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	69.2	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	69.2	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	69.2	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	69.2	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	69.2	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	138	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	69.2	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	692	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	69.2	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	69.2	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	69.2	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	69.2	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	692	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1380	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*108*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*101*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	195	5	+CT ETPH	26-Mar-07	28-Mar-07	7031513	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	195	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	195	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	195	5	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	195	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	195	5	"	"	"	"	"
	Unidentified	8,510		mg/kg dry	195	5	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	195	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	8,510		mg/kg dry	195	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	8,510		mg/kg dry	195	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*822*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	6.75	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-17 4'-6'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-02				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	6.75	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.75	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.75	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.75	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	33.8	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.75	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.75	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.75	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.75	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.75	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.75	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.75	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.75	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.75	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.75	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.75	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.75	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	33.8	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.75	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.75	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.75	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*68*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*59*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.5	1	SW846 8082	26-Mar-07	28-Mar-07	7031515	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	21.6		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)*	*50*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*		*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	484	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	484	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	484	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	484	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	484	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	484	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	484	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	988		µg/kg dry	484	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-17 4'-6'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	484	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
205-99-2	Benzo (b) fluoranthene	1,140		µg/kg dry	484	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	484	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	930		µg/kg dry	484	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	484	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	484	5	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	484	5	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	484	5	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	484	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	484	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	484	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	484	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	484	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	484	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	484	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	484	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	484	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	484	5	"	"	"	"	"
218-01-9	Chrysene	1,370		µg/kg dry	484	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	484	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	484	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	484	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	484	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	484	5	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	484	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	484	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	484	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	484	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	484	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	484	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	484	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	484	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	484	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	484	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	484	5	"	"	"	"	"
206-44-0	Fluoranthene	2,990		µg/kg dry	484	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	484	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	484	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	484	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	484	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	484	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	484	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	484	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	484	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	484	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	484	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	484	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	484	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	484	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	484	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-17 4'-6'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1940	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	484	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	484	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1940	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	484	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	484	5	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	484	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	484	5	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	484	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	484	5	"	"	"	"	"
129-00-0	Pyrene	3,020		µg/kg dry	484	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	484	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	484	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	484	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	484	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*50*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*70*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*51*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*68*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*52*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.135		mg/kg dry	0.0348	1	SW846 7471A	28-Mar-07	28-Mar-07	7031495	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.17	1	EPA 200.7	28-Mar-07	28-Mar-07	7031494	RM
7440-38-2	Arsenic	6.41		mg/kg dry	1.76	1	"	"	"	"	"
7440-39-3	Barium	46.1		mg/kg dry	0.586	1	"	"	"	"	"
7440-43-9	Cadmium	0.569		mg/kg dry	0.293	1	"	"	"	"	"
7440-47-3	Chromium	38.4		mg/kg dry	0.586	1	"	"	"	"	"
7439-92-1	Lead	79.8		mg/kg dry	0.880	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.76	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Mar-07	26-Mar-07	7031560	BD
7440-22-4	Silver	BRL		mg/l	0.0200	1	SW846 1312/6010B	28-Mar-07	28-Mar-07	7031651	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0440		mg/l	0.0150	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	28-Mar-07	7031652	YP
7439-92-1	Lead	0.0298		mg/l	0.0150	1	SW846 1312/6010B	"	28-Mar-07	7031651	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	84.0		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031470	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-18 2'-4' SA59641-03	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	26-Mar-07	26-Mar-07	7031584	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	5.7	1	SW 846 8260B	27-Mar-07	27-Mar-07	7031658	RLJ
67-64-1	Acetone	BRL		µg/kg dry	115	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	11.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	57.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	11.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	11.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	57.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	57.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	57.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-18 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.7	1	SW 846 8260B	27-Mar-07	27-Mar-07	7031658	RLJ
100-42-5	Styrene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	11.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	57.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	57.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	115	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*92*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	130	5	+CT ETPH	26-Mar-07	28-Mar-07	7031513	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	130	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	130	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	130	5	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	130	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	130	5	"	"	"	"	"
	Unidentified	287		mg/kg dry	130	5	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	130	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	287		mg/kg dry	130	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	287		mg/kg dry	130	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*62*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	6.25	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-18 2'-4' SA59641-03	301-88	Soil	21-Mar-07 00:00	22-Mar-07

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	6.25	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.25	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.25	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.25	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	31.3	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.25	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.25	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.25	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.25	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.25	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.25	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.25	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.25	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.25	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.25	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.25	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.25	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	31.3	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.25	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.25	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.25	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*53*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*107*		*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	26-Mar-07	28-Mar-07	7031515	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	48.4		µg/kg dry	12.6	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.6	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.6	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*		*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	402	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	402	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	402	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	402	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	402	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	402	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	402	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	402	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-18 2'-4' SA59641-03	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	402	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	402	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	402	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	402	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	402	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	402	5	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	402	5	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	402	5	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	402	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	402	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	402	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	402	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	402	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	402	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	402	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	402	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	402	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	402	5	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	402	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	402	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	402	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	402	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	402	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	402	5	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	402	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	402	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	402	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	402	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	402	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	402	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	402	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	402	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	402	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	402	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	402	5	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	402	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	402	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	402	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	402	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	402	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	402	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	402	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	402	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	402	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	402	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	402	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	402	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	402	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	402	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	402	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-18 2'-4' SA59641-03	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1610	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	402	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	402	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1610	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	402	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	402	5	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	402	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	402	5	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	402	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	402	5	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	402	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	402	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	402	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	402	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	402	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*51*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*52*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*52*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*72*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*55*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0605		mg/kg dry	0.0319	1	SW846 7471A	28-Mar-07	28-Mar-07	7031495	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.936	1	EPA 200.7	28-Mar-07	28-Mar-07	7031494	RM
7440-38-2	Arsenic	4.53		mg/kg dry	1.40	1	"	"	"	"	"
7440-39-3	Barium	30.8		mg/kg dry	0.468	1	"	"	"	"	"
7440-43-9	Cadmium	0.674		mg/kg dry	0.234	1	"	"	"	"	"
7440-47-3	Chromium	34.3		mg/kg dry	0.468	1	"	"	"	"	"
7439-92-1	Lead	44.8		mg/kg dry	0.702	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.40	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Mar-07	26-Mar-07	7031560	BD
7440-22-4	Silver	BRL		mg/l	0.0200	1	SW846 1312/6010B	28-Mar-07	28-Mar-07	7031651	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0850		mg/l	0.0150	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0312		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	28-Mar-07	7031652	YP
7439-92-1	Lead	0.0190		mg/l	0.0150	1	SW846 1312/6010B	"	28-Mar-07	7031651	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	92.2		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031470	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-19 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	26-Mar-07	26-Mar-07	7031584	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	6.6	1	SW 846 8260B	27-Mar-07	27-Mar-07	7031658	RLJ
67-64-1	Acetone	BRL		µg/kg dry	132	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.6	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	66.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	33.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	66.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	66.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	66.0	1	"	"	"	"	"
91-20-3	Naphthalene	6.7		µg/kg dry	6.6	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-19 2'-4' SA59641-04	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.6	1	SW 846 8260B	27-Mar-07	27-Mar-07	7031658	RLJ
100-42-5	Styrene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	66.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	66.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	132	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.4	1	+CT ETPH	26-Mar-07	28-Mar-07	7031513	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	28.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	28.4	1	"	"	"	"	"
	Unidentified	3,260		mg/kg dry	28.4	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	28.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	3,260		mg/kg dry	28.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	3,260		mg/kg dry	28.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*156*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	6.16	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-19 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	6.16	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.16	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.16	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.16	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.8	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.16	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.16	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.16	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.16	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.16	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.16	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.16	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.16	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.16	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.16	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.16	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.16	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.8	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.16	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.16	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.16	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*69*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*68*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.3	1	SW846 8082	26-Mar-07	28-Mar-07	7031515	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11096-82-5	PCB 1260	247		µg/kg dry	12.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*		*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	440	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	440	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	440	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	440	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	440	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	440	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	440	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	440	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-19 2'-4' SA59641-04	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	440	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	440	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	440	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	440	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	440	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	440	5	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	440	5	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	440	5	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	440	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	440	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	440	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	440	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	440	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	440	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	440	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	440	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	440	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	440	5	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	440	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	440	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	440	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	440	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	440	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	440	5	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	440	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	440	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	440	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	440	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	440	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	440	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	440	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	440	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	440	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	440	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	440	5	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	440	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	440	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	440	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	440	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	440	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	440	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	440	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	440	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	440	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	440	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	440	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	440	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	440	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	440	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	440	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-19 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1760	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	440	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	440	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1760	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	440	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	440	5	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	440	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	440	5	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	440	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	440	5	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	440	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	440	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	440	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	440	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	440	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*53*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*58*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*34*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*60*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*71*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*51*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.195		mg/kg dry	0.0342	1	SW846 7471A	28-Mar-07	28-Mar-07	7031495	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.08	1	EPA 200.7	28-Mar-07	28-Mar-07	7031494	RM
7440-38-2	Arsenic	5.68		mg/kg dry	1.62	1	"	"	"	"	"
7440-39-3	Barium	42.7		mg/kg dry	0.540	1	"	"	"	"	"
7440-43-9	Cadmium	0.735		mg/kg dry	0.270	1	"	"	"	"	"
7440-47-3	Chromium	56.9		mg/kg dry	0.540	1	"	"	"	"	"
7439-92-1	Lead	124		mg/kg dry	0.810	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.62	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Mar-07	26-Mar-07	7031560	BD
7440-22-4	Silver	BRL		mg/l	0.0200	1	SW846 1312/6010B	28-Mar-07	28-Mar-07	7031651	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0300		mg/l	0.0150	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	28-Mar-07	7031652	YP
7439-92-1	Lead	0.0167		mg/l	0.0150	1	SW846 1312/6010B	"	28-Mar-07	7031651	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	86.5		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031470	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-20 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-05				

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	26-Mar-07	26-Mar-07	7031584	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	7.0	1	SW 846 8260B	27-Mar-07	27-Mar-07	7031658	RLJ
67-64-1	Acetone	BRL		µg/kg dry	139	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.9	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	69.5	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	34.8	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.9	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.9	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.9	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	69.5	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	69.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	69.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-20 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.0	1	SW 846 8260B	27-Mar-07	27-Mar-07	7031658	RLJ
100-42-5	Styrene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.9	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	69.5	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	69.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	139	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*89*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*93*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*83*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	26.0	1	+CT ETPH	27-Mar-07	29-Mar-07	7031590	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	26.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	26.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	26.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	26.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	26.0	1	"	"	"	"	"
	Unidentified	136		mg/kg dry	26.0	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	26.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	136		mg/kg dry	26.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	136		mg/kg dry	26.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*97*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	6.66	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-20 2'-4' SA59641-05	301-88	Soil	21-Mar-07 00:00	22-Mar-07

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	6.66	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.66	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.66	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.66	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	33.3	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.66	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.66	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.66	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.66	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.66	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.66	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.66	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.66	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.66	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.66	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.66	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.66	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	33.3	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.66	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.66	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.66	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*67*		*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	13.3	1	SW846 8082	26-Mar-07	28-Mar-07	7031515	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	13.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.3	1	"	"	"	"	"
11096-82-5	PCB 1260	28.6		µg/kg dry	13.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*125*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*		*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	322	1	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	322	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	322	1	"	"	"	"	"
120-12-7	Anthracene	475		µg/kg dry	322	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	322	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	322	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	322	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	652		µg/kg dry	322	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-20 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	774		µg/kg dry	322	1	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
205-99-2	Benzo (b) fluoranthene	778		µg/kg dry	322	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	353		µg/kg dry	322	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	674		µg/kg dry	322	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	322	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	322	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	322	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	322	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	322	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	322	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	322	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	322	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	322	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	322	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	322	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	322	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	322	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	322	1	"	"	"	"	"
218-01-9	Chrysene	812		µg/kg dry	322	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	322	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	322	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	322	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	322	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	322	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	322	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	322	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	322	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	322	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	322	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	322	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	322	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	322	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	322	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	322	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	322	1	"	"	"	"	"
206-44-0	Fluoranthene	1,680		µg/kg dry	322	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	322	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	322	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	322	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	322	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	322	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	322	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	322	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	322	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	322	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	322	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	322	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	322	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	322	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	322	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-20 2'-4' SA59641-05	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1290	1	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	322	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	322	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1290	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	322	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	322	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	322	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	322	1	"	"	"	"	"
85-01-8	Phenanthrene	848		µg/kg dry	322	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	322	1	"	"	"	"	"
129-00-0	Pyrene	1,700		µg/kg dry	322	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	322	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	322	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	322	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	322	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*49*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*59*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*49*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*75*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*62*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.641		mg/kg dry	0.0360	1	SW846 7471A	28-Mar-07	28-Mar-07	7031495	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.20	1	EPA 200.7	28-Mar-07	28-Mar-07	7031494	RM
7440-38-2	Arsenic	10.3		mg/kg dry	1.80	1	"	"	"	"	"
7440-39-3	Barium	101		mg/kg dry	0.598	1	"	"	"	"	"
7440-43-9	Cadmium	1.90		mg/kg dry	0.299	1	"	"	"	"	"
7440-47-3	Chromium	12.3		mg/kg dry	0.598	1	"	"	"	"	"
7439-92-1	Lead	283		mg/kg dry	0.898	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.80	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Mar-07	26-Mar-07	7031560	BD
7440-22-4	Silver	BRL		mg/l	0.0200	1	SW846 1312/6010B	28-Mar-07	28-Mar-07	7031651	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0277		mg/l	0.0150	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	28-Mar-07	7031652	YP
7439-92-1	Lead	0.0182		mg/l	0.0150	1	SW846 1312/6010B	"	28-Mar-07	7031651	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	83.0		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031470	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-21 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-06				

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	28-Mar-07	28-Mar-07	7031767	BD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	83.5	50	SW 846 8260B	30-Mar-07	30-Mar-07	7031875	mar
67-64-1	Acetone	BRL		µg/kg dry	1670	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	83.5	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	83.5	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	83.5	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	83.5	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	167	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	835	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	417	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	83.5	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	167	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	83.5	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	167	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	167	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	83.5	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	83.5	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	83.5	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	167	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	83.5	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	83.5	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	83.5	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	83.5	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	83.5	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	835	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	83.5	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	835	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	835	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	83.5	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-21 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	83.5	50	SW 846 8260B	30-Mar-07	30-Mar-07	7031875	mar
100-42-5	Styrene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	83.5	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	83.5	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	83.5	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	83.5	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	83.5	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	83.5	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	83.5	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	167	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	83.5	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	835	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	83.5	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	83.5	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	83.5	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	83.5	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	835	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1670	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*90*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*94*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	73.5	1	+CT ETPH	29-Mar-07	30-Mar-07	7031772	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	73.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	73.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	73.5	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	73.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	73.5	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	73.5	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	73.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	73.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	73.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*112*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	34.8	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-21 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-06				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	34.8	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	34.8	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	34.8	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	34.8	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	174	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	34.8	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	34.8	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	34.8	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	R01	µg/kg dry	34.8	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	34.8	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	34.8	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	34.8	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	34.8	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	34.8	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	34.8	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	34.8	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	34.8	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	174	1	"	"	"	"	"
5103-71-9	a-Chlordane	36.3		µg/kg dry	34.8	1	"	"	"	"	"
5566-34-7	g-Chlordane	39.0		µg/kg dry	34.8	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	34.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*64*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*91*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	69.6	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	69.6	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	69.6	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	69.6	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	69.6	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	69.6	1	"	"	"	"	"
11096-82-5	PCB 1260	104		µg/kg dry	69.6	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	69.6	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	69.6	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*		*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	912	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	912	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	912	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	912	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	912	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	912	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	912	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	912	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-21 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-06				

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											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	912	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	912	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	912	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	912	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	912	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	912	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	912	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	912	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	912	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	912	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	912	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	912	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	912	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	912	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	912	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	912	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	912	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	912	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	912	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	912	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	912	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	912	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	912	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	912	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	912	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	912	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	912	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	912	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	912	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	912	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	912	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	912	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	912	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	912	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	912	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	912	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	912	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	912	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	912	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	912	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	912	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	912	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	912	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	912	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	912	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	912	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	912	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	912	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	912	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	912	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-21 2'-4' SA59803-06	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3650	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	912	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	912	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3650	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	912	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	912	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	912	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	912	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	912	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	912	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	912	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	912	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	912	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	912	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	912	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*60*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*61*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*72*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*63*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*72*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*45*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0556		mg/kg dry	0.0385	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.29	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	9.91		mg/kg dry	1.93	1	"	"	"	"	"
7440-39-3	Barium	60.8		mg/kg dry	0.644	1	"	"	"	"	"
7440-43-9	Cadmium	0.611		mg/kg dry	0.322	1	"	"	"	"	"
7440-47-3	Chromium	7.31		mg/kg dry	0.644	1	"	"	"	"	"
7439-92-1	Lead	694		mg/kg dry	0.965	1	"	"	"	"	"
7782-49-2	Selenium	2.80		mg/kg dry	1.93	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0144		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	0.0088		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	75.4		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-22 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-06				

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	26-Mar-07	26-Mar-07	7031584	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	5.4	1	SW 846 8260B	27-Mar-07	27-Mar-07	7031658	RLJ
67-64-1	Acetone	BRL		µg/kg dry	108	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	10.8	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	53.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	10.8	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	10.8	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.8	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.8	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	53.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	53.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	53.9	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.4	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-22 2'-4' SA59641-06	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.4	1	SW 846 8260B	27-Mar-07	27-Mar-07	7031658	RLJ
100-42-5	Styrene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	10.8	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	53.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	53.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	108	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*93*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*93*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*85*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	40.1	2	+CT ETPH	27-Mar-07	29-Mar-07	7031590	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	40.1	2	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	40.1	2	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	40.1	2	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	40.1	2	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	40.1	2	"	"	"	"	"
	Unidentified	164		mg/kg dry	40.1	2	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	40.1	2	"	"	"	"	"
	Total Petroleum Hydrocarbons	164		mg/kg dry	40.1	2	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	164		mg/kg dry	40.1	2	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*98*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	5.80	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-22 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-06				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	5.80	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.80	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.80	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.80	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	29.0	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	5.80	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	5.80	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	5.80	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.80	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.80	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.80	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.80	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.80	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.80	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.80	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.80	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.80	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	29.0	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.80	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.80	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.80	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*37*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*69*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.6	1	SW846 8082	26-Mar-07	28-Mar-07	7031515	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	11.6	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.6	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.6	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.6	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.6	1	"	"	"	"	"
11096-82-5	PCB 1260	35.4		µg/kg dry	11.6	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.6	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.6	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*35*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*		*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	249	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	249	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	249	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	249	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	249	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	249	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	249	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	249	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-22 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-06				

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											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	249	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	249	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	249	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	249	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	249	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	249	5	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	249	5	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	249	5	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	249	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	249	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	249	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	249	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	249	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	249	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	249	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	249	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	249	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	249	5	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	249	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	249	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	249	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	249	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	249	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	249	5	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	249	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	249	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	249	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	249	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	249	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	249	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	249	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	249	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	249	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	249	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	249	5	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	249	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	249	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	249	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	249	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	249	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	249	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	249	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	249	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	249	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	249	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	249	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	249	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	249	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	249	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	249	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-22 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-06				

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											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	994	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	249	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	249	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	994	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	249	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	249	5	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	249	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	249	5	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	249	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	249	5	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	249	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	249	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	249	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	249	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	249	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*57*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*48*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*51*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*69*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*54*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0614		mg/kg dry	0.0330	1	SW846 7471A	28-Mar-07	28-Mar-07	7031495	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.04	1	EPA 200.7	28-Mar-07	28-Mar-07	7031494	RM
7440-38-2	Arsenic	4.95		mg/kg dry	1.56	1	"	"	"	"	"
7440-39-3	Barium	28.8		mg/kg dry	0.519	1	"	"	"	"	"
7440-43-9	Cadmium	0.695		mg/kg dry	0.259	1	"	"	"	"	"
7440-47-3	Chromium	40.9		mg/kg dry	0.519	1	"	"	"	"	"
7439-92-1	Lead	48.9		mg/kg dry	0.778	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.56	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Mar-07	26-Mar-07	7031560	BD
7440-22-4	Silver	BRL		mg/l	0.0200	1	SW846 1312/6010B	28-Mar-07	28-Mar-07	7031651	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0682		mg/l	0.0150	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0214		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	28-Mar-07	7031652	YP
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Mar-07	7031651	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	90.6		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031470	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-23 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	26-Mar-07	26-Mar-07	7031584	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	6.0	1	SW 846 8260B	27-Mar-07	27-Mar-07	7031658	RLJ
67-64-1	Acetone	BRL		µg/kg dry	120	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	59.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	30.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	59.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	59.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	59.9	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-23 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.0	1	SW 846 8260B	27-Mar-07	27-Mar-07	7031658	RLJ
100-42-5	Styrene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	59.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	59.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	120	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*84*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	249	10	+CT ETPH	27-Mar-07	29-Mar-07	7031590	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	249	10	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	249	10	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	249	10	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	249	10	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	249	10	"	"	"	"	"
	Unidentified	554		mg/kg dry	249	10	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	249	10	"	"	"	"	"
	Total Petroleum Hydrocarbons	554		mg/kg dry	249	10	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	554		mg/kg dry	249	10	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*123*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	6.26	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-23 2'-4' SA59641-07	301-88	Soil	21-Mar-07 00:00	22-Mar-07

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	6.26	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
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	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	31.3	1	"	"	"	"	"
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)*	*45*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*126*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.5	1	SW846 8082	26-Mar-07	28-Mar-07	7031515	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	109		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)*	*35*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*		*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	771	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	771	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	771	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	771	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	771	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	771	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	771	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	888		µg/kg dry	771	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-23 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	771	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
205-99-2	Benzo (b) fluoranthene	1,370		µg/kg dry	771	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	771	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	1,180		µg/kg dry	771	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	771	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	771	5	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	771	5	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	771	5	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	771	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	771	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	771	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	771	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	771	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	771	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	771	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	771	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	771	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	771	5	"	"	"	"	"
218-01-9	Chrysene	1,090		µg/kg dry	771	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	771	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	771	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	771	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	771	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	771	5	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	771	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	771	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	771	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	771	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	771	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	771	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	771	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	771	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	771	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	771	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	771	5	"	"	"	"	"
206-44-0	Fluoranthene	2,090		µg/kg dry	771	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	771	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	771	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	771	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	771	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	771	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	771	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	771	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	771	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	771	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	771	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	771	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	771	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	771	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	771	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-23 2'-4' SA59641-07	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3080	5	SW846 8270C	26-Mar-07	28-Mar-07	7031514	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	771	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	771	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3080	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	771	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	771	5	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	771	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	771	5	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	771	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	771	5	"	"	"	"	"
129-00-0	Pyrene	2,210		µg/kg dry	771	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	771	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	771	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	771	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	771	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*56*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*52*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*59*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*74*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*51*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.193		mg/kg dry	0.0327	1	SW846 7471A	28-Mar-07	28-Mar-07	7031495	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.02	1	EPA 200.7	28-Mar-07	28-Mar-07	7031494	RM
7440-38-2	Arsenic	6.41		mg/kg dry	1.52	1	"	"	"	"	"
7440-39-3	Barium	39.2		mg/kg dry	0.508	1	"	"	"	"	"
7440-43-9	Cadmium	0.599		mg/kg dry	0.254	1	"	"	"	"	"
7440-47-3	Chromium	29.4		mg/kg dry	0.508	1	"	"	"	"	"
7439-92-1	Lead	99.7		mg/kg dry	0.762	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.52	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Mar-07	26-Mar-07	7031560	BD
7440-22-4	Silver	BRL		mg/l	0.0200	1	SW846 1312/6010B	28-Mar-07	28-Mar-07	7031651	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0427		mg/l	0.0150	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	28-Mar-07	7031652	YP
7439-92-1	Lead	0.0336		mg/l	0.0150	1	SW846 1312/6010B	"	28-Mar-07	7031651	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	89.9		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031470	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-24 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-08				

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	26-Mar-07	26-Mar-07	7031584	BD
Volatile Organic Compounds			R05								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	102	50	SW 846 8260B	27-Mar-07	28-Mar-07	7031642	mar
67-64-1	Acetone	BRL		µg/kg dry	2030	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	102	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	102	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	102	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	102	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	102	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	102	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	203	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	1020	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	102	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	102	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	102	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	508	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	102	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	102	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	203	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	102	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	203	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	102	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	102	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	203	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	102	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	102	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	102	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	102	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	102	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	102	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	203	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	102	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	102	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	102	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	102	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	102	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	102	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	102	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	102	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	102	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	102	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	102	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	102	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	102	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	1020	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	102	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	102	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	102	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	1020	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	1020	50	"	"	"	"	"
91-20-3	Naphthalene	198		µg/kg dry	102	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-24 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			R05								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	102	50	SW 846 8260B	27-Mar-07	28-Mar-07	7031642	mar
100-42-5	Styrene	BRL		µg/kg dry	102	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	102	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	102	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	102	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	102	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	102	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	102	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	102	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	102	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	102	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	102	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	102	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	102	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	102	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	102	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	203	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	102	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	1020	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	102	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	102	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	102	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	102	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	1020	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	2030	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*106*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*96*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*97*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	50.2	1	+CT ETPH	27-Mar-07	29-Mar-07	7031590	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	50.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	50.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	50.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	50.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	50.2	1	"	"	"	"	"
	Unidentified	262		mg/kg dry	50.2	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	50.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	262		mg/kg dry	50.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	262		mg/kg dry	50.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*125*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	8.01	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-24 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-08				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	8.01	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
319-85-7	b-BHC	BRL		µg/kg dry	8.01	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	8.01	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	8.01	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	40.0	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	8.01	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	8.01	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	8.01	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	8.01	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	8.01	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	8.01	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	8.01	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	8.01	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	8.01	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	8.01	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	8.01	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	40.0	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	8.01	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	8.01	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	8.01	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*69*		*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	16.0	1	SW846 8082	26-Mar-07	28-Mar-07	7031515	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	16.0	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	16.0	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	16.0	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	16.0	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	16.0	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	16.0	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	16.0	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	16.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*		*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	374	1	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	374	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	374	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	374	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	374	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	374	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	374	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	374	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-24 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	374	1	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	374	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	374	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	374	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	374	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	374	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	374	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	374	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	374	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	374	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	374	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	374	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	374	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	374	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	374	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	374	1	"	"	"	"	"
218-01-9	Chrysene	426		µg/kg dry	374	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	374	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	374	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	374	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	374	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	374	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	374	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	374	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	374	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	"
206-44-0	Fluoranthene	771		µg/kg dry	374	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	374	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	374	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	374	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	374	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	374	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	374	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	374	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	374	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	374	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	374	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	374	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	374	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	374	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-24 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1500	1	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	374	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	374	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1500	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	374	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	374	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	374	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	374	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	374	1	"	"	"	"	"
129-00-0	Pyrene	705		µg/kg dry	374	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	374	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*55*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*63*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*77*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*67*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.115		mg/kg dry	0.0434	1	SW846 7471A	28-Mar-07	28-Mar-07	7031495	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.36	1	EPA 200.7	28-Mar-07	28-Mar-07	7031494	RM
7440-38-2	Arsenic	4.11		mg/kg dry	2.04	1	"	"	"	"	"
7440-39-3	Barium	34.9		mg/kg dry	0.680	1	"	"	"	"	"
7440-43-9	Cadmium	0.701		mg/kg dry	0.340	1	"	"	"	"	"
7440-47-3	Chromium	44.9		mg/kg dry	0.680	1	"	"	"	"	"
7439-92-1	Lead	22.0		mg/kg dry	1.02	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	2.04	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Mar-07	26-Mar-07	7031560	BD
7440-22-4	Silver	BRL		mg/l	0.0200	1	SW846 1312/6010B	28-Mar-07	28-Mar-07	7031651	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0300		mg/l	0.0150	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	28-Mar-07	7031652	YP
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Mar-07	7031651	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	67.0		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031470	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-25 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	26-Mar-07	26-Mar-07	7031584	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	6.3	1	SW 846 8260B	27-Mar-07	28-Mar-07	7031658	RLJ
67-64-1	Acetone	BRL		µg/kg dry	127	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	63.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	63.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	63.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	63.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-25 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-09				

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)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.3	1	SW 846 8260B	27-Mar-07	28-Mar-07	7031658	RLJ
100-42-5	Styrene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	63.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	63.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	127	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*83*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*97*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	34.4	1	+CT ETPH	27-Mar-07	29-Mar-07	7031590	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	34.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	34.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	34.4	1	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	34.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	34.4	1	"	"	"	"	"
	Unidentified	206		mg/kg dry	34.4	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	34.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	206		mg/kg dry	34.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	206		mg/kg dry	34.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*109*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	6.65	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-25 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-09				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	6.65	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.65	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.65	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.65	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	33.3	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.65	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.65	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.65	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.65	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.65	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.65	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.65	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.65	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.65	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.65	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.65	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.65	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	33.3	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.65	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.65	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.65	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*68*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*76*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.3	1	SW846 8082	26-Mar-07	28-Mar-07	7031515	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	13.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.3	1	"	"	"	"	"
11096-82-5	PCB 1260	25.9		µg/kg dry	13.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	427	1	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	427	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	427	1	"	"	"	"	"
120-12-7	Anthracene	597		µg/kg dry	427	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	427	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	427	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	427	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	946		µg/kg dry	427	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-25 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-09				

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 3545A											
50-32-8	Benzo (a) pyrene	982		µg/kg dry	427	1	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
205-99-2	Benzo (b) fluoranthene	980		µg/kg dry	427	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	483		µg/kg dry	427	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	880		µg/kg dry	427	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	427	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	427	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	427	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	427	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	427	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	427	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	427	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	427	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	427	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	427	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	427	1	"	"	"	"	"
218-01-9	Chrysene	1,180		µg/kg dry	427	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	427	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	427	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	427	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	427	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	427	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	427	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	427	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	"
206-44-0	Fluoranthene	2,350		µg/kg dry	427	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	427	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	427	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	427	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	427	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	433		µg/kg dry	427	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	427	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	427	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	427	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	427	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	427	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	427	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-25 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-09				

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 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1710	1	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	427	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	427	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1710	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	427	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	427	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	427	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	"
85-01-8	Phenanthrene	942		µg/kg dry	427	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	427	1	"	"	"	"	"
129-00-0	Pyrene	2,360		µg/kg dry	427	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	427	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*61*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*64*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*75*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*67*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.747		mg/kg dry	0.0352	1	SW846 7471A	28-Mar-07	28-Mar-07	7031495	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.04	1	EPA 200.7	28-Mar-07	28-Mar-07	7031494	RM
7440-38-2	Arsenic	10.7		mg/kg dry	1.56	1	"	"	"	"	"
7440-39-3	Barium	144		mg/kg dry	0.518	1	"	"	"	"	"
7440-43-9	Cadmium	3.47		mg/kg dry	0.259	1	"	"	"	"	"
7440-47-3	Chromium	12.4		mg/kg dry	0.518	1	"	"	"	"	"
7439-92-1	Lead	287		mg/kg dry	0.778	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.56	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Mar-07	26-Mar-07	7031560	BD
7440-22-4	Silver	BRL		mg/l	0.0200	1	SW846 1312/6010B	28-Mar-07	28-Mar-07	7031651	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0362		mg/l	0.0150	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	28-Mar-07	7031652	YP
7439-92-1	Lead	0.0230		mg/l	0.0150	1	SW846 1312/6010B	"	28-Mar-07	7031651	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	84.2		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031470	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-26 2-4' SA59517-06	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Mar-07	21-Mar-07	7031261	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	7.6	1	SW 846 8260B	22-Mar-07	23-Mar-07	7031335	RLJ
67-64-1	Acetone	BRL		µg/kg dry	152	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.6	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	76.2	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	38.1	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	76.2	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	76.2	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	76.2	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.6	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-26 2-4'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-06				

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)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.6	1	SW 846 8260B	22-Mar-07	23-Mar-07	7031335	RLJ
100-42-5	Styrene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	76.2	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	76.2	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	152	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	137	5	+CT ETPH	22-Mar-07	26-Mar-07	7031284	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	137	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	137	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	137	5	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	137	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	137	5	"	"	"	"	"
	Unidentified	404		mg/kg dry	137	5	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	137	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	404		mg/kg dry	137	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	404		mg/kg dry	137	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*92*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	7.05	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-26 2-4' SA59517-06	301-88	Soil	19-Mar-07 00:00	20-Mar-07

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											
319-84-6	a-BHC	BRL		µg/kg dry	7.05	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG
319-85-7	b-BHC	BRL		µg/kg dry	7.05	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.05	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.05	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	35.3	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	7.05	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	7.05	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	7.05	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.05	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.05	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.05	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.05	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.05	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.05	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.05	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.05	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	35.3	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.05	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.05	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.05	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*32*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*		*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	22-Mar-07	24-Mar-07	7031274	MP
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	431		µg/kg dry	14.1	1	"	"	"	"	"
11096-82-5	PCB 1260	59.2		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)*	*25*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*40*		*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	680	1	SW846 8270C	22-Mar-07	26-Mar-07	7031279	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	680	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	680	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	680	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	680	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	680	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	680	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	680	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-26 2-4'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-06				

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											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	680	1	SW846 8270C	22-Mar-07	26-Mar-07	7031279	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	680	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	680	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	680	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	680	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	680	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	680	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	680	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	680	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	680	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	680	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	680	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	680	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	680	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	680	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	680	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	680	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	680	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	680	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	680	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	680	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	680	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	680	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	680	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	680	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	680	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	680	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	680	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	680	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	680	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	680	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	680	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	680	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	680	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	680	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	680	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	680	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	680	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	680	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	680	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	680	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	680	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	680	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	680	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	680	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	680	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	680	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	680	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	680	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	680	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-26 2-4' SA59517-06	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2720	1	SW846 8270C	22-Mar-07	26-Mar-07	7031279	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	680	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	680	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2720	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	680	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	680	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	680	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	680	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	680	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	680	1	"	"	"	"	"
129-00-0	Pyrene	876		µg/kg dry	680	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	680	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	680	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	680	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	680	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*83*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*65*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*75*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*62*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*110*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*78*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.141		mg/kg dry	0.0367	1	SW846 7471A	26-Mar-07	27-Mar-07	7031322	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.14	1	EPA 200.7	26-Mar-07	27-Mar-07	7031321	HB
7440-38-2	Arsenic	8.56		mg/kg dry	1.72	1	"	"	"	"	"
7440-39-3	Barium	58.7		mg/kg dry	0.572	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.286	1	"	"	"	"	"
7440-47-3	Chromium	7.11		mg/kg dry	0.572	1	"	"	"	"	"
7439-92-1	Lead	123		mg/kg dry	0.858	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	22-Mar-07	22-Mar-07	7031344	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-Mar-07	24-Mar-07	7031408	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0148		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	26-Mar-07	7031409	YP
7439-92-1	Lead	0.0226		mg/l	0.0075	1	SW846 1312/6010B	"	24-Mar-07	7031408	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	80.7		%		1	SM2540 G Mod.	23-Mar-07	23-Mar-07	7031429	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-27 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	26-Mar-07	26-Mar-07	7031584	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	6.6	1	SW 846 8260B	27-Mar-07	28-Mar-07	7031658	RLJ
67-64-1	Acetone	BRL		µg/kg dry	132	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.6	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	65.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	32.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	65.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	65.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	65.9	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.6	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-27 2'-4' SA59641-10	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.6	1	SW 846 8260B	27-Mar-07	28-Mar-07	7031658	RLJ
100-42-5	Styrene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	65.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	65.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	132	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*82*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	34.0	1	+CT ETPH	27-Mar-07	29-Mar-07	7031590	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	34.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	34.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	34.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	34.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	34.0	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	34.0	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	34.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	34.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	34.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*72*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	5.85	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-27 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-10				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	5.85	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.85	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.85	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.85	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	29.2	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	5.85	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	5.85	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	5.85	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.85	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.85	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.85	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.85	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.85	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.85	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.85	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.85	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.85	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	29.2	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.85	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.85	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.85	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*58*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*79*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.7	1	SW846 8082	26-Mar-07	28-Mar-07	7031515	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	11.7	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.7	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.7	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.7	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.7	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	11.7	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.7	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	421	1	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	421	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	421	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	421	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	421	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	421	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	421	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	421	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-27 2'-4' SA59641-10	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	421	1	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	421	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	421	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	421	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	421	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	421	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	421	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	421	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	421	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	421	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	421	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	421	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	421	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	421	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	421	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	421	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	421	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	421	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	421	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	421	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	421	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	421	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	421	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	421	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	421	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	421	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	421	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	421	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	421	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	421	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	421	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	421	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	421	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	421	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	421	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	421	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	421	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	421	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	421	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	421	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	421	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	421	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	421	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	421	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	421	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	421	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	421	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	421	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	421	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	421	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-27 2'-4' SA59641-10	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1690	1	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	421	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	421	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1690	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	421	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	421	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	421	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	421	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	421	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	421	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	421	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	421	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	421	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	421	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	421	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*61*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*57*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*74*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*60*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0345	1	SW846 7471A	28-Mar-07	28-Mar-07	7031495	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.05	1	EPA 200.7	28-Mar-07	28-Mar-07	7031494	RM
7440-38-2	Arsenic	BRL		mg/kg dry	1.58	1	"	"	"	"	"
7440-39-3	Barium	11.5		mg/kg dry	0.527	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.263	1	"	"	"	"	"
7440-47-3	Chromium	3.97		mg/kg dry	0.527	1	"	"	"	"	"
7439-92-1	Lead	8.18		mg/kg dry	0.790	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.58	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Mar-07	26-Mar-07	7031560	BD
7440-22-4	Silver	BRL		mg/l	0.0200	1	SW846 1312/6010B	28-Mar-07	28-Mar-07	7031651	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	28-Mar-07	7031652	YP
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Mar-07	7031651	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	85.2		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031470	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-28 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	26-Mar-07	26-Mar-07	7031584	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	6.2	1	SW 846 8260B	27-Mar-07	28-Mar-07	7031658	RLJ
67-64-1	Acetone	BRL		µg/kg dry	125	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	62.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	62.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	62.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	62.3	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-28 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.2	1	SW 846 8260B	27-Mar-07	28-Mar-07	7031658	RLJ
100-42-5	Styrene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	62.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	62.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	125	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*90*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*87*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	161	2	+CT ETPH	27-Mar-07	29-Mar-07	7031590	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	161	2	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	161	2	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	161	2	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	161	2	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	161	2	"	"	"	"	"
	Unidentified	932		mg/kg dry	161	2	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	161	2	"	"	"	"	"
	Total Petroleum Hydrocarbons	932		mg/kg dry	161	2	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	932		mg/kg dry	161	2	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*209*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	6.21	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-28 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	6.21	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.21	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.21	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.21	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	31.1	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.21	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.21	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.21	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.21	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.21	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.21	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.21	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.21	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.21	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.21	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.21	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.21	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	31.1	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.21	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.21	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.21	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*31*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*94*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.4	1	SW846 8082	26-Mar-07	28-Mar-07	7031515	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	12.4	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.4	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.4	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.4	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.4	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.4	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.4	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	300	5	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	300	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	300	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	300	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	300	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	300	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	300	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	300	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-28 2'-4' SA59641-11	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	300	5	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	300	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	300	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	300	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	300	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	300	5	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	300	5	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	300	5	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	300	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	300	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	300	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	300	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	300	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	300	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	300	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	300	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	300	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	300	5	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	300	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	300	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	300	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	300	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	300	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	300	5	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	300	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	300	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	300	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	300	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	300	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	300	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	300	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	300	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	300	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	300	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	300	5	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	300	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	300	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	300	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	300	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	300	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	300	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	300	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	300	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	300	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	300	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	300	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	300	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	300	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	300	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	300	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-28 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1200	5	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	300	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	300	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1200	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	300	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	300	5	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	300	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	300	5	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	300	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	300	5	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	300	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	300	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	300	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	300	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	300	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*54*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*54*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*48*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*70*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*57*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0388		mg/kg dry	0.0329	1	SW846 7471A	28-Mar-07	28-Mar-07	7031495	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.995	1	EPA 200.7	28-Mar-07	28-Mar-07	7031494	RM
7440-38-2	Arsenic	1.60		mg/kg dry	1.49	1	"	"	"	"	"
7440-39-3	Barium	19.3		mg/kg dry	0.497	1	"	"	"	"	"
7440-43-9	Cadmium	0.333		mg/kg dry	0.249	1	"	"	"	"	"
7440-47-3	Chromium	7.39		mg/kg dry	0.497	1	"	"	"	"	"
7439-92-1	Lead	25.3		mg/kg dry	0.746	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.49	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Mar-07	26-Mar-07	7031560	BD
7440-22-4	Silver	BRL		mg/l	0.0200	1	SW846 1312/6010B	28-Mar-07	28-Mar-07	7031651	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	28-Mar-07	7031652	YP
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Mar-07	7031651	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	90.8		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031470	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-29 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-12				

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	26-Mar-07	26-Mar-07	7031584	BD
	Volatile Organic Compounds		VOC8								
	Prepared by method SW846 5030 Soil (high level)										
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	64.3	50	SW 846 8260B	29-Mar-07	29-Mar-07	7031784	mar
67-64-1	Acetone	BRL		µg/kg dry	1290	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	64.3	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	64.3	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	64.3	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	64.3	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	129	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	643	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	322	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	64.3	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	129	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	64.3	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	129	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	129	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	64.3	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	64.3	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	64.3	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	129	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	64.3	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	64.3	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	64.3	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	64.3	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	64.3	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	643	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	64.3	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	643	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	643	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	64.3	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-29 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	64.3	50	SW 846 8260B	29-Mar-07	29-Mar-07	7031784	mar
100-42-5	Styrene	183		µg/kg dry	64.3	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	64.3	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	64.3	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	64.3	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	64.3	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	64.3	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	64.3	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	64.3	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	129	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	64.3	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	643	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	64.3	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	64.3	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	64.3	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	64.3	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	643	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1290	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*91*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*96*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	83.6	1	+CT ETPH	27-Mar-07	28-Mar-07	7031589	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	83.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	83.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	83.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	83.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	83.6	1	"	"	"	"	"
	Unidentified	294		mg/kg dry	83.6	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	83.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	294		mg/kg dry	83.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	294		mg/kg dry	83.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*89*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	6.65	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-29 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-12				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	6.65	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.65	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.65	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.65	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	33.2	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.65	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.65	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.65	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.65	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.65	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.65	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.65	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.65	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.65	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.65	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.65	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.65	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	33.2	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.65	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.65	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.65	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*41*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*76*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.3	1	SW846 8082	26-Mar-07	28-Mar-07	7031515	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	13.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.3	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	13.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	415	2	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	415	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	415	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	415	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	415	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	415	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	415	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	415	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-29 2'-4' SA59641-12	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	415	2	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	415	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	415	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	415	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	415	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	415	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	415	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	415	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	415	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	415	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	415	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	415	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	415	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	415	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	415	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	415	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	415	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	415	2	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	415	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	415	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	415	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	415	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	415	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	415	2	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	415	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	415	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	415	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	415	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	415	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	415	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	415	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	415	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	415	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	415	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	415	2	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	415	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	415	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	415	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	415	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	415	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	415	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	415	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	415	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	415	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	415	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	415	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	415	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	415	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	415	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	415	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-29 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-12				

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 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1660	2	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	415	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	415	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1660	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	415	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	415	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	415	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	415	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	415	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	415	2	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	415	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	415	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	415	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	415	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	415	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*61*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*57*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*55*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*75*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*59*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0333	1	SW846 7471A	28-Mar-07	28-Mar-07	7031495	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.11	1	EPA 200.7	28-Mar-07	28-Mar-07	7031494	RM
7440-38-2	Arsenic	BRL		mg/kg dry	1.66	1	"	"	"	"	"
7440-39-3	Barium	15.2		mg/kg dry	0.554	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.277	1	"	"	"	"	"
7440-47-3	Chromium	7.06		mg/kg dry	0.554	1	"	"	"	"	"
7439-92-1	Lead	16.1		mg/kg dry	0.831	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.66	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Mar-07	26-Mar-07	7031560	BD
7440-22-4	Silver	BRL		mg/l	0.0200	1	SW846 1312/6010B	28-Mar-07	28-Mar-07	7031651	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	28-Mar-07	7031652	YP
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Mar-07	7031651	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	87.4		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031470	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-30 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-13				

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	26-Mar-07	26-Mar-07	7031584	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	5.9	1	SW 846 8260B	27-Mar-07	28-Mar-07	7031658	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	58.6	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	58.6	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	58.6	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	58.6	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.9	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-30 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-13				

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)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.9	1	SW 846 8260B	27-Mar-07	28-Mar-07	7031658	RLJ
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	58.6	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	58.6	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	117	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*89*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*88*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	75.3	1	+CT ETPH	27-Mar-07	28-Mar-07	7031589	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	75.3	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	75.3	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	75.3	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	75.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	75.3	1	"	"	"	"	"
	Unidentified	475		mg/kg dry	75.3	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	75.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	475		mg/kg dry	75.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	475		mg/kg dry	75.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*110*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	6.11	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-30 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-13				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	6.11	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.11	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.11	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.11	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.5	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.11	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.11	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.11	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.11	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.11	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.11	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.11	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.11	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.11	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.11	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.11	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.11	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.5	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.11	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.11	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.11	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.2	1	SW846 8082	26-Mar-07	28-Mar-07	7031515	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.2	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	467	5	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	467	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	467	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	467	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	467	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	467	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	467	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	467	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-30 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-13				

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 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	467	5	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	467	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	467	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	467	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	467	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	467	5	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	467	5	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	467	5	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	467	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	467	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	467	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	467	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	467	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	467	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	467	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	467	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	467	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	467	5	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	467	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	467	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	467	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	467	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	467	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	467	5	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	467	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	467	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	467	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	467	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	467	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	467	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	467	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	467	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	467	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	467	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	467	5	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	467	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	467	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	467	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	467	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	467	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	467	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	467	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	467	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	467	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	467	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	467	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	467	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	467	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	467	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	467	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-30 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-13				

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 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1870	5	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	467	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	467	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1870	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	467	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	467	5	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	467	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	467	5	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	467	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	467	5	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	467	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	467	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	467	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	467	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	467	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*57*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*61*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*71*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*59*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0330	1	SW846 7471A	28-Mar-07	28-Mar-07	7031495	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.997	1	EPA 200.7	28-Mar-07	28-Mar-07	7031494	RM
7440-38-2	Arsenic	BRL		mg/kg dry	1.50	1	"	"	"	"	"
7440-39-3	Barium	12.2		mg/kg dry	0.499	1	"	"	"	"	"
7440-43-9	Cadmium	0.284		mg/kg dry	0.249	1	"	"	"	"	"
7440-47-3	Chromium	5.11		mg/kg dry	0.499	1	"	"	"	"	"
7439-92-1	Lead	14.5		mg/kg dry	0.748	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	26-Mar-07	26-Mar-07	7031560	BD
7440-22-4	Silver	BRL		mg/l	0.0200	1	SW846 1312/6010B	28-Mar-07	28-Mar-07	7031651	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	28-Mar-07	7031652	YP
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Mar-07	7031651	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	90.5		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031470	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-31 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-14				

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)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	7.0	1	SW 846 8260B	29-Mar-07	29-Mar-07	7031779	RLJ
67-64-1	Acetone	BRL		µg/kg dry	139	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.9	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	69.5	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	34.8	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.9	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.9	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.9	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	69.5	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	69.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	69.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-31 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-14				

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)											
100-42-5	Styrene	BRL		µg/kg dry	7.0	1	SW 846 8260B	29-Mar-07	29-Mar-07	7031779	RLJ
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.9	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	69.5	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	69.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	139	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*84*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*107*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"
	VOC Extraction	Field extracted		N/A		1	VOC	26-Mar-07	26-Mar-07	7031584	BD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	74.0	50	SW 846 8260B	27-Mar-07	28-Mar-07	7031642	mar
67-64-1	Acetone	BRL		µg/kg dry	1480	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	74.0	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	74.0	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	74.0	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	74.0	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	148	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	740	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	370	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	74.0	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	148	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	74.0	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-31 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
74-87-3	Chloromethane	BRL		µg/kg dry	148	50	SW 846 8260B	27-Mar-07	28-Mar-07	7031642	mar
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	148	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	74.0	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	74.0	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	74.0	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	148	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	74.0	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	74.0	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	74.0	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	74.0	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	74.0	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	740	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	74.0	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	740	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	740	50	"	"	"	"	"
91-20-3	Naphthalene	192		µg/kg dry	74.0	50	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	74.0	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	74.0	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	74.0	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	74.0	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	74.0	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	74.0	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	74.0	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	148	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	74.0	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	740	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-31 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
60-29-7	Ethyl ether	BRL		µg/kg dry	74.0	50	SW 846 8260B	27-Mar-07	28-Mar-07	7031642	mar
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	74.0	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	74.0	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	74.0	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	740	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1480	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*93*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*94*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	40.2	1	+CT ETPH	27-Mar-07	28-Mar-07	7031589	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	40.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	40.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	40.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	40.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	40.2	1	"	"	"	"	"
	Unidentified	184		mg/kg dry	40.2	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	40.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	184		mg/kg dry	40.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	184		mg/kg dry	40.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*110*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	7.12	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
319-84-6	a-BHC	BRL		µg/kg dry	7.12	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	7.12	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.12	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.12	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	35.6	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	7.12	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	7.12	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	7.12	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.12	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.12	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.12	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.12	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.12	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.12	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.12	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.12	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	35.6	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.12	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-31 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-14				

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 3545A											
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.12	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.12	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*61*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*104*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	14.2	1	SW846 8082	26-Mar-07	28-Mar-07	7031515	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	14.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	14.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	14.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	14.2	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	14.2	1	"	"	"	"	"
11096-82-5	PCB 1260	17.1		µg/kg dry	14.2	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	14.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	14.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	499	1	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	499	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	499	1	"	"	"	"	"
120-12-7	Anthracene	929		µg/kg dry	499	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	499	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	499	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	499	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	814		µg/kg dry	499	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	1,200		µg/kg dry	499	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	1,020		µg/kg dry	499	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	530		µg/kg dry	499	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	1,160		µg/kg dry	499	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	499	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	499	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	499	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	499	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	499	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	499	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	499	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	499	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	499	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	499	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	499	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	499	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	499	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	499	1	"	"	"	"	"
218-01-9	Chrysene	1,390		µg/kg dry	499	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-31 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	499	1	SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
132-64-9	Dibenzofuran	BRL		µg/kg dry	499	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	499	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	499	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	499	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	499	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	499	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	499	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	499	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	499	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	499	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	499	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	499	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	499	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	499	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	499	1	"	"	"	"	"
206-44-0	Fluoranthene	3,090		µg/kg dry	499	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	499	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	499	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	499	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	499	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	499	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	499	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	499	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	499	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	499	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	499	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	499	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	499	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	499	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	499	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2000	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	499	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	499	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2000	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	499	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	499	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	499	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	499	1	"	"	"	"	"
85-01-8	Phenanthrene	1,890		µg/kg dry	499	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	499	1	"	"	"	"	"
129-00-0	Pyrene	2,970		µg/kg dry	499	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	499	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	499	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	499	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	499	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*57*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*60*		*30-130 %*			"	"	"	"	"

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-31 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
4165-62-2	*Phenol-d5*	*54*		*15-110 %*			SW846 8270C	27-Mar-07	27-Mar-07	7031592	M.B
1718-51-0	*Terphenyl-dl4*	*75*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*66*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.753		mg/kg dry	0.0369	1	SW846 7471A	28-Mar-07	28-Mar-07	7031495	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.20	1	EPA 200.7	28-Mar-07	28-Mar-07	7031494	RM
7440-38-2	Arsenic	9.77		mg/kg dry	1.80	1	"	"	"	"	"
7440-39-3	Barium	138		mg/kg dry	0.599	1	"	"	"	"	"
7440-43-9	Cadmium	1.88		mg/kg dry	0.299	1	"	"	"	"	"
7440-47-3	Chromium	12.0		mg/kg dry	0.599	1	"	"	"	"	"
7439-92-1	Lead	266		mg/kg dry	0.898	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.80	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Mar-07	26-Mar-07	7031560	BD
7440-22-4	Silver	BRL		mg/l	0.0200	1	SW846 1312/6010B	28-Mar-07	28-Mar-07	7031651	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0242		mg/l	0.0150	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	28-Mar-07	7031652	YP
7439-92-1	Lead	0.0254		mg/l	0.0150	1	SW846 1312/6010B	"	28-Mar-07	7031651	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	80.7		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031470	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-32 2-4' SA59517-07	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Mar-07	21-Mar-07	7031261	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	6.2	1	SW 846 8260B	22-Mar-07	23-Mar-07	7031335	RLJ
67-64-1	Acetone	BRL		µg/kg dry	124	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	61.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	30.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	61.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	61.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	61.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-32 2-4' SA59517-07	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.2	1	SW 846 8260B	22-Mar-07	23-Mar-07	7031335	RLJ
100-42-5	Styrene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	61.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	61.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	124	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*106*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	187	1	+CT ETPH	22-Mar-07	26-Mar-07	7031284	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	187	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	187	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	187	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	187	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	187	1	"	"	"	"	"
	Unidentified	450		mg/kg dry	187	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	187	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	450		mg/kg dry	187	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	450		mg/kg dry	187	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*147*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.62	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-32 2-4' SA59517-07	301-88	Soil	19-Mar-07 00:00	20-Mar-07

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											
319-84-6	a-BHC	BRL		µg/kg dry	6.62	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.62	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.62	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.62	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	33.1	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.62	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.62	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.62	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.62	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.62	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.62	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.62	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.62	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.62	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.62	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.62	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.62	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	33.1	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.62	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.62	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.62	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*54*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.2	1	SW846 8082	22-Mar-07	24-Mar-07	7031274	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	13.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.2	1	"	"	"	"	"
11097-69-1	PCB 1254	39.0		µg/kg dry	13.2	1	"	"	"	"	"
11096-82-5	PCB 1260	18.5		µg/kg dry	13.2	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*		*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	927	2	SW846 8270C	23-Mar-07	25-Mar-07	7031371	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	927	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	927	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	927	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	927	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	927	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	927	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	927	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-32 2-4' SA59517-07	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	927	2	SW846 8270C	23-Mar-07	25-Mar-07	7031371	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	927	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	1,310		µg/kg dry	927	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	927	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	927	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	927	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	927	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	927	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	927	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	927	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	927	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	927	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	927	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	927	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	927	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	927	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	927	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	927	2	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	927	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	927	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	927	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	927	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	927	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	927	2	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	927	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	927	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	927	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	927	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	927	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	927	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	927	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	927	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	927	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	927	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	927	2	"	"	"	"	"
206-44-0	Fluoranthene	1,520		µg/kg dry	927	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	927	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	927	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	927	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	927	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	927	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	927	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	927	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	927	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	927	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	927	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	927	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	927	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	927	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	927	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-32 2-4' SA59517-07	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3710	2	SW846 8270C	23-Mar-07	25-Mar-07	7031371	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	927	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	927	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3710	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	927	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	927	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	927	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	927	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	927	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	927	2	"	"	"	"	"
129-00-0	Pyrene	2,570		µg/kg dry	927	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	927	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	927	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	927	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	927	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*104*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*86*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*95*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*88*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*115*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*98*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0985		mg/kg dry	0.0333	1	SW846 7471A	26-Mar-07	27-Mar-07	7031322	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	1.18		mg/kg dry	1.09	1	EPA 200.7	26-Mar-07	27-Mar-07	7031321	HB
7440-38-2	Arsenic	8.03		mg/kg dry	1.63	1	"	"	"	"	"
7440-39-3	Barium	55.4		mg/kg dry	0.544	1	"	"	"	"	"
7440-43-9	Cadmium	0.931		mg/kg dry	0.272	1	"	"	"	"	"
7440-47-3	Chromium	7.01		mg/kg dry	0.544	1	"	"	"	"	"
7439-92-1	Lead	177		mg/kg dry	0.816	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.63	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-Mar-07	22-Mar-07	7031344	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-Mar-07	24-Mar-07	7031408	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0126		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	"	26-Mar-07	7031409	YP
7439-92-1	Lead	0.0179		mg/l	0.0075	1	SW846 1312/6010B	"	24-Mar-07	7031408	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	88.3		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031463	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-33 2'-4' SA59641-15	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	26-Mar-07	26-Mar-07	7031584	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	5.5	1	SW 846 8260B	27-Mar-07	28-Mar-07	7031658	RLJ
67-64-1	Acetone	BRL		µg/kg dry	109	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	10.9	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	54.5	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	10.9	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	10.9	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.9	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	54.5	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	54.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	54.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-33 2'-4' SA59641-15	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.5	1	SW 846 8260B	27-Mar-07	28-Mar-07	7031658	RLJ
100-42-5	Styrene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	10.9	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	54.5	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	54.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	109	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*90*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	22.1	1	+CT ETPH	27-Mar-07	29-Mar-07	7031590	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	22.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	22.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	22.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	22.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	22.1	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	22.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	22.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	22.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	22.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*84*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	5.32	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-33 2'-4' SA59641-15	301-88	Soil	21-Mar-07 00:00	22-Mar-07

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	5.32	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.32	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.32	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.32	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	26.6	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	5.32	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	5.32	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	5.32	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.32	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.32	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.32	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.32	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.32	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.32	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.32	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.32	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.32	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	26.6	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.32	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.32	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.32	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*73*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	33.6	1	SW846 8082	27-Mar-07	27-Mar-07	7031591	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	33.6	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	33.6	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	33.6	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	33.6	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	33.6	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	33.6	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	33.6	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	33.6	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*		*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 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	549	1	SW846 8270C	27-Mar-07	28-Mar-07	7031592	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	549	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	549	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	549	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	549	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	549	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	549	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	549	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-33 2'-4'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	549	1	SW846 8270C	27-Mar-07	28-Mar-07	7031592	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	549	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	549	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	549	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	549	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	549	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	549	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	549	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	549	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	549	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	549	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	549	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	549	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	549	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	549	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	549	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	549	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	549	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	549	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	549	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	549	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	549	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	549	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	549	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	549	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	549	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	549	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	549	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	549	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	549	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	549	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	549	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	549	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	549	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	549	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	549	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	549	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	549	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	549	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	549	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	549	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	549	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	549	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	549	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	549	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	549	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	549	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	549	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	549	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	549	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-33 2'-4' SA59641-15	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2190	1	SW846 8270C	27-Mar-07	28-Mar-07	7031592	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	549	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	549	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2190	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	549	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	549	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	549	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	549	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	549	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	549	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	549	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	549	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	549	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	549	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	549	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*66*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*55*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*63*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*57*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*74*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*65*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0316	1	SW846 7471A	28-Mar-07	28-Mar-07	7031495	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.924	1	EPA 200.7	28-Mar-07	28-Mar-07	7031494	RM
7440-38-2	Arsenic	BRL		mg/kg dry	1.39	1	"	"	"	"	"
7440-39-3	Barium	11.3		mg/kg dry	0.462	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.231	1	"	"	"	"	"
7440-47-3	Chromium	3.86		mg/kg dry	0.462	1	"	"	"	"	"
7439-92-1	Lead	8.16		mg/kg dry	0.693	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.39	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Mar-07	26-Mar-07	7031560	BD
7440-22-4	Silver	BRL		mg/l	0.0200	1	SW846 1312/6010B	28-Mar-07	28-Mar-07	7031651	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	28-Mar-07	7031652	YP
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Mar-07	7031651	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	94.3		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031470	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-34 4'-6'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-16				

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	26-Mar-07	26-Mar-07	7031584	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	5.4	1	SW 846 8260B	28-Mar-07	28-Mar-07	7031693	RLJ
67-64-1	Acetone	BRL		µg/kg dry	107	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	10.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	53.6	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.8	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	10.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	10.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	53.6	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	53.6	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	53.6	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.4	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-34 4'-6' SA59641-16	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.4	1	SW 846 8260B	28-Mar-07	28-Mar-07	7031693	RLJ
100-42-5	Styrene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	10.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	53.6	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	53.6	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	107	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*89*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.0	1	+CT ETPH	27-Mar-07	29-Mar-07	7031590	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	15.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	15.0	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	15.0	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	15.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*72*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	5.22	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-34 4'-6'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-16				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	5.22	1	SW846 8081A	26-Mar-07	28-Mar-07	7031516	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.22	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.22	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.22	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	26.1	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	5.22	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	5.22	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	5.22	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.22	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.22	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.22	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.22	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.22	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.22	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.22	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.22	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.22	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	26.1	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.22	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.22	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.22	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*79*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	32.8	1	SW846 8082	27-Mar-07	27-Mar-07	7031591	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	32.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	32.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	32.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	32.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	32.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	32.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	32.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	32.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	371	1	SW846 8270C	27-Mar-07	28-Mar-07	7031592	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	371	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	371	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	371	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	371	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	371	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	371	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	371	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-34 4'-6' SA59641-16	301-88	Soil	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	371	1	SW846 8270C	27-Mar-07	28-Mar-07	7031592	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	371	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	371	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	371	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	371	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	371	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	371	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	371	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	371	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	371	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	371	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	371	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	371	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	371	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	371	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	371	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	371	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	371	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	371	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	371	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	371	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	371	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	371	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	371	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	371	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	371	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	371	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	371	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	371	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	371	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	371	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	371	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	371	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	371	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	371	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	371	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	371	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	371	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	371	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-34 4'-6'	301-88	Soil	21-Mar-07 00:00	22-Mar-07
SA59641-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1490	1	SW846 8270C	27-Mar-07	28-Mar-07	7031592	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	371	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	371	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1490	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	371	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	371	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	371	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	371	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	371	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	371	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	371	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*62*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*82*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*59*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*77*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*49*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0325	1	SW846 7471A	28-Mar-07	28-Mar-07	7031495	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.932	1	EPA 200.7	28-Mar-07	28-Mar-07	7031494	RM
7440-38-2	Arsenic	BRL		mg/kg dry	1.40	1	"	"	"	"	"
7440-39-3	Barium	10.4		mg/kg dry	0.466	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.233	1	"	"	"	"	"
7440-47-3	Chromium	4.41		mg/kg dry	0.466	1	"	"	"	"	"
7439-92-1	Lead	3.65		mg/kg dry	0.699	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.40	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Mar-07	26-Mar-07	7031560	BD
7440-22-4	Silver	BRL		mg/l	0.0200	1	SW846 1312/6010B	28-Mar-07	28-Mar-07	7031651	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	28-Mar-07	7031652	YP
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Mar-07	7031651	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	91.9		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031470	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-35 2'-4' SA59803-07	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	28-Mar-07	28-Mar-07	7031767	BD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	70.1	50	SW 846 8260B	02-Apr-07	02-Apr-07	7040017	mar
67-64-1	Acetone	BRL		µg/kg dry	1400	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	70.1	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	70.1	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	70.1	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	70.1	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	140	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	701	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	351	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	70.1	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	140	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	70.1	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	140	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	140	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	70.1	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	70.1	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	70.1	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	140	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	70.1	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	70.1	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	70.1	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	70.1	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	70.1	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	701	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	70.1	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	701	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	701	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	70.1	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-35 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	70.1	50	SW 846 8260B	02-Apr-07	02-Apr-07	7040017	mar
100-42-5	Styrene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	70.1	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	70.1	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	70.1	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	70.1	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	70.1	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	70.1	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	70.1	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	140	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	70.1	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	701	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	70.1	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	70.1	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	70.1	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	70.1	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	701	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1400	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*94*		*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	741	1	+CT ETPH	29-Mar-07	30-Mar-07	7031772	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	741	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	741	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	741	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	741	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	741	1	"	"	"	"	"
	Unidentified	2,480		mg/kg dry	741	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	741	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	2,480		mg/kg dry	741	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	2,480		mg/kg dry	741	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*192*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	33.4	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-35 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-07				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	33.4	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	33.4	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	33.4	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	33.4	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	167	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	33.4	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	33.4	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	33.4	1	"	"	"	"	"
60-57-1	Dieldrin	62.5	R01	µg/kg dry	33.4	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	33.4	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	33.4	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	33.4	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	33.4	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	33.4	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	33.4	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	33.4	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	33.4	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	167	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	33.4	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	33.4	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	33.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*67*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*102*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	66.8	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	66.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	66.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	66.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	66.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	66.8	1	"	"	"	"	"
11096-82-5	PCB 1260	194		µg/kg dry	66.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	66.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	66.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*		*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	919	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	7,760		µg/kg dry	919	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	919	1	"	"	"	"	"
120-12-7	Anthracene	3,120		µg/kg dry	919	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	919	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	919	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	919	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	28,000		µg/kg dry	919	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-35 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	28,200		µg/kg dry	919	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	29,200		µg/kg dry	919	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	9,950		µg/kg dry	919	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	36,300		µg/kg dry	919	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	919	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	919	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	919	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	919	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	919	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	919	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	919	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	919	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	919	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	919	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	919	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	919	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	919	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	919	1	"	"	"	"	"
218-01-9	Chrysene	33,800		µg/kg dry	919	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	919	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	919	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	919	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	919	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	919	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	919	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	919	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	919	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	919	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	919	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	919	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	919	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	919	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	919	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	919	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	919	1	"	"	"	"	"
206-44-0	Fluoranthene	39,500		µg/kg dry	919	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	919	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	919	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	919	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	919	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	919	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	12,700		µg/kg dry	919	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	919	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	919	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	919	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	919	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	919	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	919	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	919	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	919	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-35 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3670	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	919	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	919	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3670	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	919	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	919	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	919	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	919	1	"	"	"	"	"
85-01-8	Phenanthrene	2,900		µg/kg dry	919	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	919	1	"	"	"	"	"
129-00-0	Pyrene	58,500		µg/kg dry	919	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	919	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	919	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	919	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	919	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*55*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*66*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*75*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*65*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*74*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*48*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.198		mg/kg dry	0.0366	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.22	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	17.7		mg/kg dry	1.83	1	"	"	"	"	"
7440-39-3	Barium	72.4		mg/kg dry	0.610	1	"	"	"	"	"
7440-43-9	Cadmium	0.957		mg/kg dry	0.305	1	"	"	"	"	"
7440-47-3	Chromium	7.53		mg/kg dry	0.610	1	"	"	"	"	"
7439-92-1	Lead	230		mg/kg dry	0.915	1	"	"	"	"	"
7782-49-2	Selenium	2.03		mg/kg dry	1.83	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0126		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	0.0300		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	81.3		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-36 4'-6'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-08				

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	28-Mar-07	28-Mar-07	7031767	BD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	104	50	SW 846 8260B	02-Apr-07	02-Apr-07	7040017	mar
67-64-1	Acetone	BRL		µg/kg dry	2080	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	104	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	104	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	104	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	104	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	104	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	104	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	208	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	1040	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	104	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	104	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	104	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	521	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	104	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	104	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	208	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	104	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	208	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	104	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	104	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	208	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	104	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	104	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	104	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	104	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	104	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	104	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	208	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	104	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	104	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	104	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	104	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	104	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	104	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	104	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	104	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	104	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	104	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	104	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	104	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	104	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	1040	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	104	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	104	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	104	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	1040	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	1040	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	104	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-36 4'-6' SA59803-08	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	104	50	SW 846 8260B	02-Apr-07	02-Apr-07	7040017	mar
100-42-5	Styrene	BRL		µg/kg dry	104	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	104	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	104	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	104	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	104	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	104	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	104	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	104	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	104	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	104	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	104	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	104	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	104	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	104	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	104	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	208	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	104	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	1040	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	104	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	104	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	104	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	104	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	1040	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	2080	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*94*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*114*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	98.2	1	+CT ETPH	29-Mar-07	30-Mar-07	7031772	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	98.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	98.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	98.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	98.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	98.2	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	98.2	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	98.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	98.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	98.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*117*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	43.3	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-36 4'-6'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-08				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	43.3	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	43.3	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	43.3	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	43.3	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	216	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	43.3	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	43.3	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	43.3	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	R01	µg/kg dry	43.3	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	43.3	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	43.3	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	43.3	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	43.3	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	43.3	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	43.3	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	43.3	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	43.3	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	216	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	43.3	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	43.3	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	43.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*67*		*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	86.5	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	86.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	86.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	86.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	86.5	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	86.5	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	86.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	86.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	86.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*		*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	609	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	609	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	609	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	609	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	609	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	609	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	609	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	609	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-36 4'-6' SA59803-08	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	609	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	609	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	609	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	609	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	609	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	609	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	609	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	609	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	609	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	609	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	609	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	609	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	609	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	609	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	609	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	609	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	609	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	609	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	609	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	609	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	609	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	609	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	609	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	609	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	609	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	609	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	609	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	609	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	609	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	609	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	609	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	609	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	609	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	609	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	609	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	609	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	609	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	609	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	609	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	609	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	609	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	609	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	609	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	609	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	609	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	609	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	609	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	609	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	609	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	609	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
M8F-36 4'-6'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2440	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	609	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	609	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2440	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	609	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	609	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	609	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	609	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	609	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	609	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	609	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	609	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	609	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	609	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	609	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*58*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*55*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*72*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*49*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*78*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*47*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0452	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.45	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	11.1		mg/kg dry	2.17	1	"	"	"	"	"
7440-39-3	Barium	64.5		mg/kg dry	0.723	1	"	"	"	"	"
7440-43-9	Cadmium	0.607		mg/kg dry	0.361	1	"	"	"	"	"
7440-47-3	Chromium	3.85		mg/kg dry	0.723	1	"	"	"	"	"
7439-92-1	Lead	21.2		mg/kg dry	1.08	1	"	"	"	"	"
7782-49-2	Selenium	2.30		mg/kg dry	2.17	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0059		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	65.5		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-37 2'-4' SA59803-09	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	28-Mar-07	28-Mar-07	7031767	BD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	73.0	50	SW 846 8260B	02-Apr-07	02-Apr-07	7040017	mar
67-64-1	Acetone	BRL		µg/kg dry	1460	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	73.0	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	73.0	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	73.0	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	73.0	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	146	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	730	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	365	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	73.0	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	146	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	73.0	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	146	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	146	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	73.0	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	73.0	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	73.0	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	146	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	73.0	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	73.0	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	73.0	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	73.0	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	73.0	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	730	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	73.0	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	730	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	730	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	73.0	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-37 2'-4' SA59803-09	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	73.0	50	SW 846 8260B	02-Apr-07	02-Apr-07	7040017	mar
100-42-5	Styrene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	73.0	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	73.0	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	73.0	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	73.0	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	73.0	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	73.0	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	73.0	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	146	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	73.0	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	730	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	73.0	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	73.0	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	73.0	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	73.0	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	730	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1460	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*94*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*114*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	71.4	1	+CT ETPH	29-Mar-07	30-Mar-07	7031772	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	71.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	71.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	71.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	71.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	71.4	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	71.4	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	71.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	71.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	71.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*134*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	36.5	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-37 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-09				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	36.5	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	36.5	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	36.5	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	36.5	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	183	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	36.5	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	36.5	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	36.5	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	R01	µg/kg dry	36.5	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	36.5	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	36.5	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	36.5	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	36.5	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	36.5	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	36.5	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	36.5	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	36.5	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	183	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	36.5	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	36.5	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	36.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*61*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*122*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	73.0	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	73.0	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	73.0	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	73.0	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	73.0	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	73.0	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	73.0	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	73.0	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	73.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*		*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	886	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	886	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	886	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	886	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	886	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	886	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	886	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	2,470		µg/kg dry	886	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-37 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-09				

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											
50-32-8	Benzo (a) pyrene	2,150		µg/kg dry	886	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	2,610		µg/kg dry	886	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	886	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	2,470		µg/kg dry	886	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	886	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	886	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	886	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	886	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	886	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	886	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	886	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	886	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	886	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	886	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	886	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	886	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	886	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	886	1	"	"	"	"	"
218-01-9	Chrysene	3,370		µg/kg dry	886	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	886	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	886	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	886	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	886	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	886	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	886	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	886	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	886	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	886	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	886	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	886	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	886	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	886	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	886	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	886	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	886	1	"	"	"	"	"
206-44-0	Fluoranthene	3,940		µg/kg dry	886	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	886	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	886	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	886	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	886	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	886	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	886	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	886	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	886	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	886	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	886	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	886	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	886	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	886	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	886	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-37 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-09				

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											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3540	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	886	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	886	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3540	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	886	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	886	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	886	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	886	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	886	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	886	1	"	"	"	"	"
129-00-0	Pyrene	4,260		µg/kg dry	886	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	886	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	886	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	886	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	886	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*54*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*70*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*52*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*70*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*51*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	1.03		mg/kg dry	0.0356	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.16	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	28.8		mg/kg dry	1.75	1	"	"	"	"	"
7440-39-3	Barium	64.5		mg/kg dry	0.582	1	"	"	"	"	"
7440-43-9	Cadmium	0.937		mg/kg dry	0.291	1	"	"	"	"	"
7440-47-3	Chromium	14.1		mg/kg dry	0.582	1	"	"	"	"	"
7439-92-1	Lead	302		mg/kg dry	0.873	1	"	"	"	"	"
7782-49-2	Selenium	2.30		mg/kg dry	1.75	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0126		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	0.0542		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	82.8		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-38 2'-4' SA59803-10	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	28-Mar-07	28-Mar-07	7031767	BD
	Volatile Organic Compounds		VOC8								
	Prepared by method SW846 5030 Soil (high level)										
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	73.4	50	SW 846 8260B	02-Apr-07	02-Apr-07	7040017	mar
67-64-1	Acetone	BRL		µg/kg dry	1470	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	73.4	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	73.4	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	73.4	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	73.4	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	147	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	734	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	367	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	73.4	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	147	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	73.4	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	147	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	147	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	73.4	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	73.4	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	73.4	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	147	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	73.4	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	73.4	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	73.4	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	73.4	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	73.4	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	734	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	73.4	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	734	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	734	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	73.4	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-38 2'-4' SA59803-10	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	73.4	50	SW 846 8260B	02-Apr-07	02-Apr-07	7040017	mar
100-42-5	Styrene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	73.4	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	73.4	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
108-88-3	Toluene	106		µg/kg dry	73.4	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	73.4	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	73.4	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	73.4	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	73.4	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	73.4	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	147	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	73.4	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	734	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	73.4	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	73.4	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	73.4	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	73.4	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	734	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1470	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*93*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*113*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	69.8	1	+CT ETPH	29-Mar-07	30-Mar-07	7031772	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	69.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	69.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	69.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	69.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	69.8	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	69.8	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	69.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	69.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	69.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*123*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	37.9	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-38 2'-4' SA59803-10	301-88	Soil	26-Mar-07 00:00	27-Mar-07

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	37.9	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	37.9	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	37.9	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	37.9	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	189	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	37.9	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	37.9	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	37.9	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	R01	µg/kg dry	37.9	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	37.9	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	37.9	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	37.9	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	37.9	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	37.9	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	37.9	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	37.9	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	37.9	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	189	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	37.9	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	37.9	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	37.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*62*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*107*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	75.7	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	75.7	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	75.7	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	75.7	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	75.7	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	75.7	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	75.7	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	75.7	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	75.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*		*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	865	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	865	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	865	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	865	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	865	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	865	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	865	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	865	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-38 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-10				

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											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	865	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	865	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	865	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	865	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	865	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	865	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	865	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	865	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	865	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	865	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	865	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	865	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	865	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	865	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	865	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	865	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	865	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	865	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	865	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	865	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	865	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	865	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	865	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	865	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	865	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	865	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	865	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	865	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	865	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	865	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	865	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	865	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	865	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	865	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	865	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	865	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	865	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	865	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	865	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	865	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	865	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	865	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	865	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	865	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	865	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	865	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	865	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	865	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	865	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	865	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-38 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-10				

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											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3460	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	865	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	865	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3460	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	865	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	865	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	865	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	865	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	865	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	865	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	865	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	865	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	865	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	865	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	865	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*57*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*59*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*60*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*50*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*75*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*45*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.872		mg/kg dry	0.0363	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.21	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	20.5		mg/kg dry	1.82	1	"	"	"	"	"
7440-39-3	Barium	58.6		mg/kg dry	0.607	1	"	"	"	"	"
7440-43-9	Cadmium	0.795		mg/kg dry	0.304	1	"	"	"	"	"
7440-47-3	Chromium	7.47		mg/kg dry	0.607	1	"	"	"	"	"
7439-92-1	Lead	299		mg/kg dry	0.911	1	"	"	"	"	"
7782-49-2	Selenium	3.33		mg/kg dry	1.82	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0127		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	0.0492		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	81.2		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-39 2'-4' SA59803-11	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	28-Mar-07	28-Mar-07	7031767	BD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	98.2	50	SW 846 8260B	29-Mar-07	30-Mar-07	7031830	mar
67-64-1	Acetone	BRL		µg/kg dry	1960	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	98.2	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	98.2	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	98.2	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	98.2	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	196	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	982	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	491	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	98.2	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	196	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	98.2	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	196	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	196	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	98.2	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	98.2	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	98.2	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	196	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	98.2	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	98.2	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	98.2	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	98.2	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	98.2	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	982	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	98.2	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	982	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	982	50	"	"	"	"	"
91-20-3	Naphthalene	170		µg/kg dry	98.2	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-39 2'-4' SA59803-11	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	98.2	50	SW 846 8260B	29-Mar-07	30-Mar-07	7031830	mar
100-42-5	Styrene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	98.2	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	98.2	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	98.2	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	98.2	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	98.2	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	98.2	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	98.2	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	196	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	98.2	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	982	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	98.2	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	98.2	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	98.2	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	98.2	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	982	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1960	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*93*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	33.2	1	+CT ETPH	29-Mar-07	30-Mar-07	7031773	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	33.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	33.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	33.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	33.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	33.2	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	33.2	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	33.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	33.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	33.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*90*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	47.8	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-39 2'-4' SA59803-11	301-88	Soil	26-Mar-07 00:00	27-Mar-07

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	47.8	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	47.8	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	47.8	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	47.8	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	239	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	47.8	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	47.8	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	47.8	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	R01	µg/kg dry	47.8	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	47.8	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	47.8	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	47.8	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	47.8	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	47.8	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	47.8	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	47.8	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	47.8	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	239	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	47.8	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	47.8	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	47.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*119*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*91*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	95.6	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	95.6	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	95.6	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	95.6	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	95.6	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	95.6	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	95.6	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	95.6	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	95.6	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*		*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	824	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	824	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	824	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	824	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	824	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	824	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	824	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	824	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-39 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	824	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	824	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	824	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	824	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	824	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	824	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	824	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	824	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	824	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	824	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	824	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	824	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	824	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	824	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	824	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	824	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	824	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	824	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	824	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	824	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	824	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	824	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	824	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	824	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	824	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	824	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	824	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	824	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	824	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	824	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	824	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	824	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	824	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	824	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	824	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	824	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	824	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	824	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	824	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	824	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	824	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	824	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	824	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	824	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	824	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	824	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	824	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	824	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	824	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	824	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-39 2'-4' SA59803-11	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3300	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	824	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	824	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3300	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	824	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	824	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	824	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	824	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	824	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	824	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	824	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	824	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	824	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	824	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	824	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*58*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*57*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*77*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*51*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*77*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*51*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.209		mg/kg dry	0.0455	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	6.73		mg/kg dry	1.41	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	11.8		mg/kg dry	2.12	1	"	"	"	"	"
7440-39-3	Barium	101		mg/kg dry	0.705	1	"	"	"	"	"
7440-43-9	Cadmium	0.367		mg/kg dry	0.353	1	"	"	"	"	"
7440-47-3	Chromium	4.34		mg/kg dry	0.705	1	"	"	"	"	"
7439-92-1	Lead	233		mg/kg dry	1.06	1	"	"	"	"	"
7782-49-2	Selenium	3.35		mg/kg dry	2.12	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0098		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	65.7		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-40 2-4' SA59517-08	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Mar-07	21-Mar-07	7031261	BD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	61.4	50	SW 846 8260B	27-Mar-07	27-Mar-07	7031602	mar
67-64-1	Acetone	BRL		µg/kg dry	1230	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	61.4	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	61.4	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	61.4	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	61.4	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	123	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	614	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	307	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	61.4	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	123	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	61.4	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	123	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	123	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	61.4	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	61.4	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	61.4	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	123	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	61.4	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	61.4	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	61.4	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	61.4	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	61.4	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	614	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	61.4	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	614	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	614	50	"	"	"	"	"
91-20-3	Naphthalene	181		µg/kg dry	61.4	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-40 2-4' SA59517-08	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	61.4	50	SW 846 8260B	27-Mar-07	27-Mar-07	7031602	mar
100-42-5	Styrene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	61.4	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	61.4	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
108-88-3	Toluene	158		µg/kg dry	61.4	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	61.4	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	61.4	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	61.4	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	61.4	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	61.4	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	61.4	50	"	"	"	"	"
1330-20-7	m,p-Xylene	148		µg/kg dry	123	50	"	"	"	"	"
95-47-6	o-Xylene	66.3		µg/kg dry	61.4	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	614	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	61.4	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	61.4	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	61.4	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	61.4	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	614	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1230	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*92*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*94*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	178	1	+CT ETPH	22-Mar-07	26-Mar-07	7031284	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	178	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	178	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	178	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	178	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	178	1	"	"	"	"	"
	Unidentified	797		mg/kg dry	178	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	178	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	797		mg/kg dry	178	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	797		mg/kg dry	178	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*158*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.16	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-40 2-4' SA59517-08	301-88	Soil	19-Mar-07 00:00	20-Mar-07

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											
319-84-6	a-BHC	BRL		µg/kg dry	6.16	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.16	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.16	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.16	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.8	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.16	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.16	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.16	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.16	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.16	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.16	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.16	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.16	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.16	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.16	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.16	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.16	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.8	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.16	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.16	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.16	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*32*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*52*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.3	1	SW846 8082	22-Mar-07	24-Mar-07	7031313	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11096-82-5	PCB 1260	23.4		µg/kg dry	12.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	1770	2	SW846 8270C	23-Mar-07	25-Mar-07	7031371	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	1770	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	1770	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	1770	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	1770	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1770	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1770	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	1770	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-40 2-4'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	1770	2	SW846 8270C	23-Mar-07	25-Mar-07	7031371	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	1770	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1770	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	1770	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1770	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1770	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1770	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1770	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1770	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1770	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1770	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1770	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	1770	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1770	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1770	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1770	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1770	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1770	2	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	1770	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1770	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1770	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1770	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1770	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1770	2	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	1770	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1770	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1770	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1770	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1770	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1770	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1770	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1770	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1770	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1770	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1770	2	"	"	"	"	"
206-44-0	Fluoranthene	2,030		µg/kg dry	1770	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1770	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1770	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1770	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1770	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1770	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1770	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1770	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1770	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1770	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	1770	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	1770	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1770	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1770	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1770	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-40 2-4' SA59517-08	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	7070	2	SW846 8270C	23-Mar-07	25-Mar-07	7031371	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	1770	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1770	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	7070	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1770	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1770	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1770	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1770	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	1770	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	1770	2	"	"	"	"	"
129-00-0	Pyrene	2,090		µg/kg dry	1770	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	1770	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1770	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1770	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1770	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*108*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*80*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*98*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*76*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*122*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*106*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.136		mg/kg dry	0.0330	1	SW846 7471A	26-Mar-07	27-Mar-07	7031322	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	1.24		mg/kg dry	1.07	1	EPA 200.7	26-Mar-07	27-Mar-07	7031321	HB
7440-38-2	Arsenic	10.4		mg/kg dry	1.60	1	"	"	"	"	"
7440-39-3	Barium	52.1		mg/kg dry	0.535	1	"	"	"	"	"
7440-43-9	Cadmium	1.00		mg/kg dry	0.267	1	"	"	"	"	"
7440-47-3	Chromium	25.0		mg/kg dry	0.535	1	"	"	"	"	"
7439-92-1	Lead	201		mg/kg dry	0.802	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.60	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-Mar-07	22-Mar-07	7031344	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-Mar-07	24-Mar-07	7031408	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0128		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	"	26-Mar-07	7031409	YP
7439-92-1	Lead	0.0263		mg/l	0.0075	1	SW846 1312/6010B	"	24-Mar-07	7031408	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	89.9		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031463	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-41 4-6'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Mar-07	21-Mar-07	7031261	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	6.6	1	SW 846 8260B	22-Mar-07	23-Mar-07	7031335	RLJ
67-64-1	Acetone	BRL		µg/kg dry	132	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.6	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	66.2	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	33.1	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	66.2	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	66.2	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	66.2	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.6	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-41 4-6' SA59517-09	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.6	1	SW 846 8260B	22-Mar-07	23-Mar-07	7031335	RLJ
100-42-5	Styrene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	66.2	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	66.2	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	132	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*109*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	185	1	+CT ETPH	22-Mar-07	26-Mar-07	7031284	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	185	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	185	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	185	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	185	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	185	1	"	"	"	"	"
	Unidentified	728		mg/kg dry	185	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	185	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	728		mg/kg dry	185	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	728		mg/kg dry	185	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*182*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.60	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-41 4-6'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-09				

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											
319-84-6	a-BHC	BRL		µg/kg dry	6.60	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.60	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.60	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.60	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	33.0	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.60	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.60	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.60	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.60	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.60	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.60	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.60	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.60	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.60	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.60	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.60	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.60	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	33.0	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.60	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.60	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.60	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*35*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*69*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.2	1	SW846 8082	22-Mar-07	24-Mar-07	7031313	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	13.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.2	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.2	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	13.2	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*		*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	920	1	SW846 8270C	23-Mar-07	25-Mar-07	7031371	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	920	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	920	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	920	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	920	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	920	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	920	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	1,410		µg/kg dry	920	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-41 4-6'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-09				

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											
50-32-8	Benzo (a) pyrene	1,270		µg/kg dry	920	1	SW846 8270C	23-Mar-07	25-Mar-07	7031371	M.B
205-99-2	Benzo (b) fluoranthene	1,670		µg/kg dry	920	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	920	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	1,840		µg/kg dry	920	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	920	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	920	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	920	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	920	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	920	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	920	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	920	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	920	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	920	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	920	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	920	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	920	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	920	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	920	1	"	"	"	"	"
218-01-9	Chrysene	2,180		µg/kg dry	920	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	920	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	920	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	920	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	920	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	920	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	920	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	920	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	920	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	920	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	920	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	920	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	920	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	920	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	920	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	920	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	920	1	"	"	"	"	"
206-44-0	Fluoranthene	3,140		µg/kg dry	920	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	920	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	920	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	920	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	920	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	920	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	920	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	920	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	920	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	920	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	920	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	920	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	920	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	920	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	920	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-41 4-6'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-09				

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											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3680	1	SW846 8270C	23-Mar-07	25-Mar-07	7031371	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	920	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	920	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3680	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	920	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	920	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	920	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	920	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	920	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	920	1	"	"	"	"	"
129-00-0	Pyrene	3,110		µg/kg dry	920	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	920	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	920	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	920	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	920	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*108*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*88*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*102*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*92*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*109*		*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	0.307		mg/kg dry	0.0340	1	SW846 7471A	26-Mar-07	27-Mar-07	7031322	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.10	1	EPA 200.7	26-Mar-07	27-Mar-07	7031321	HB
7440-38-2	Arsenic	9.64		mg/kg dry	1.65	1	"	"	"	"	"
7440-39-3	Barium	40.4		mg/kg dry	0.549	1	"	"	"	"	"
7440-43-9	Cadmium	0.516		mg/kg dry	0.275	1	"	"	"	"	"
7440-47-3	Chromium	9.81		mg/kg dry	0.549	1	"	"	"	"	"
7439-92-1	Lead	152		mg/kg dry	0.824	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	22-Mar-07	22-Mar-07	7031344	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-Mar-07	24-Mar-07	7031408	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0090		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	"	26-Mar-07	7031409	YP
7439-92-1	Lead	0.0252		mg/l	0.0075	1	SW846 1312/6010B	"	24-Mar-07	7031408	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	88.2		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031463	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-42 2'-4' SA59803-12	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	28-Mar-07	28-Mar-07	7031767	BD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	63.2	50	SW 846 8260B	02-Apr-07	02-Apr-07	7040017	mar
67-64-1	Acetone	BRL		µg/kg dry	1260	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	63.2	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	63.2	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	63.2	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	63.2	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	126	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	632	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	316	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	63.2	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	126	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	63.2	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	126	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	126	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	63.2	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	63.2	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	63.2	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	126	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	63.2	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	63.2	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	63.2	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
100-41-4	Ethylbenzene	123		µg/kg dry	63.2	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	632	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	63.2	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	632	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	632	50	"	"	"	"	"
91-20-3	Naphthalene	155		µg/kg dry	63.2	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-42 2'-4' SA59803-12	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	63.2	50	SW 846 8260B	02-Apr-07	02-Apr-07	7040017	mar
100-42-5	Styrene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
108-88-3	Toluene	154		µg/kg dry	63.2	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	63.2	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	63.2	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	69.6		µg/kg dry	63.2	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	63.2	50	"	"	"	"	"
1330-20-7	m,p-Xylene	263		µg/kg dry	126	50	"	"	"	"	"
95-47-6	o-Xylene	79.7		µg/kg dry	63.2	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	632	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	63.2	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	63.2	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	63.2	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	63.2	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	632	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1260	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99*		*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	709	1	+CT ETPH	29-Mar-07	30-Mar-07	7031773	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	709	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	709	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	709	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	709	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	709	1	"	"	"	"	"
	Unidentified	776		mg/kg dry	709	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	709	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	776		mg/kg dry	709	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	776		mg/kg dry	709	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*282*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	34.5	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-42 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-12				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	34.5	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	34.5	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	34.5	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	34.5	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	173	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	34.5	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	34.5	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	34.5	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	R01	µg/kg dry	34.5	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	34.5	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	34.5	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	34.5	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	34.5	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	34.5	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	34.5	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	34.5	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	34.5	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	173	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	34.5	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	34.5	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	34.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*63*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	69.1	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	69.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	69.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	69.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	69.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	69.1	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	69.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	69.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	69.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*		*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	880	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	880	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	880	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	880	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	880	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	880	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	880	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	880	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-42 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-12				

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											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	880	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	880	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	880	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	880	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	880	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	880	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	880	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	880	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	880	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	880	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	880	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	880	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	880	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	880	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	880	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	880	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	880	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	880	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	880	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	880	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	880	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	880	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	880	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	880	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	880	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	880	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	880	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	880	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	880	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	880	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	880	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	880	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	880	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	880	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	880	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	880	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	880	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	880	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	880	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	880	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	880	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	880	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	880	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	880	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	880	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	880	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	880	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	880	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	880	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	880	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-42 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-12				

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											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3520	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	880	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	880	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3520	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	880	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	880	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	880	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	880	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	880	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	880	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	880	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	880	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	880	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	880	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	880	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*57*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*60*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*73*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*63*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*79*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*50*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	1.02		mg/kg dry	0.0332	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.10	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	7.95		mg/kg dry	1.65	1	"	"	"	"	"
7440-39-3	Barium	109		mg/kg dry	0.551	1	"	"	"	"	"
7440-43-9	Cadmium	0.584		mg/kg dry	0.276	1	"	"	"	"	"
7440-47-3	Chromium	11.7		mg/kg dry	0.551	1	"	"	"	"	"
7439-92-1	Lead	365		mg/kg dry	0.827	1	"	"	"	"	"
7782-49-2	Selenium	1.68		mg/kg dry	1.65	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0962		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	88.9		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-43 2'-4' SA59803-13	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	28-Mar-07	28-Mar-07	7031767	BD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	81.5	50	SW 846 8260B	02-Apr-07	02-Apr-07	7040017	mar
67-64-1	Acetone	BRL		µg/kg dry	1630	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	81.5	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	81.5	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	81.5	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	81.5	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	163	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	815	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	408	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	81.5	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	163	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	81.5	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	163	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	163	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	81.5	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	81.5	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	81.5	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	163	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	81.5	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	81.5	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	81.5	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	81.5	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	81.5	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	815	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	81.5	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	815	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	815	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	81.5	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-43 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	81.5	50	SW 846 8260B	02-Apr-07	02-Apr-07	7040017	mar
100-42-5	Styrene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	81.5	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	81.5	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	81.5	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	81.5	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	81.5	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	81.5	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	81.5	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	163	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	81.5	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	815	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	81.5	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	81.5	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	81.5	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	81.5	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	815	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1630	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*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	7.1	1	+CT ETPH	29-Mar-07	30-Mar-07	7031773	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	7.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	7.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	7.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	7.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	7.1	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	7.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	7.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	7.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	7.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*72*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	39.9	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG

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
M8F-43 2'-4' SA59803-13	301-88	Soil	26-Mar-07 00:00	27-Mar-07

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	39.9	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	39.9	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	39.9	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	39.9	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	199	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	39.9	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	39.9	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	39.9	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	R01	µg/kg dry	39.9	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	39.9	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	39.9	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	39.9	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	39.9	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	39.9	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	39.9	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	39.9	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	39.9	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	199	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	39.9	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	39.9	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	39.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*64*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*97*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	79.7	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	79.7	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	79.7	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	79.7	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	79.7	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	79.7	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	79.7	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	79.7	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	79.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*		*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	886	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	886	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	886	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	886	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	886	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	886	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	886	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	886	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-43 2'-4' SA59803-13	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	886	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	886	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	886	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	886	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	886	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	886	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	886	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	886	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	886	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	886	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	886	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	886	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	886	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	886	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	886	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	886	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	886	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	886	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	886	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	886	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	886	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	886	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	886	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	886	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	886	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	886	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	886	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	886	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	886	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	886	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	886	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	886	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	886	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	886	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	886	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	886	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	886	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	886	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	886	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	886	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	886	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	886	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	886	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	886	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	886	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	886	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	886	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	886	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	886	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	886	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-43 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-13				

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											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3540	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	886	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	886	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3540	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	886	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	886	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	886	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	886	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	886	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	886	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	886	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	886	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	886	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	886	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	886	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*60*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*74*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*49*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*68*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*49*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0530		mg/kg dry	0.0391	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.29	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	3.98		mg/kg dry	1.94	1	"	"	"	"	"
7440-39-3	Barium	53.4		mg/kg dry	0.647	1	"	"	"	"	"
7440-43-9	Cadmium	0.362		mg/kg dry	0.323	1	"	"	"	"	"
7440-47-3	Chromium	4.11		mg/kg dry	0.647	1	"	"	"	"	"
7439-92-1	Lead	51.1		mg/kg dry	0.970	1	"	"	"	"	"
7782-49-2	Selenium	2.22		mg/kg dry	1.94	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0064		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	75.0		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-44 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-14				

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	28-Mar-07	28-Mar-07	7031767	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	6.0	1	SW 846 8260B	29-Mar-07	29-Mar-07	7031790	RLJ
67-64-1	Acetone	BRL		µg/kg dry	120	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	59.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	29.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	59.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	59.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	59.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-44 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-14				

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)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.0	1	SW 846 8260B	29-Mar-07	29-Mar-07	7031790	RLJ
100-42-5	Styrene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	59.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	59.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	120	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*111*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*114*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	65.0	1	+CT ETPH	29-Mar-07	30-Mar-07	7031773	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	65.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	65.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	65.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	65.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	65.0	1	"	"	"	"	"
	Unidentified	388		mg/kg dry	65.0	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	65.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	388		mg/kg dry	65.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	388		mg/kg dry	65.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*315*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	34.5	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-44 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-14				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	34.5	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	34.5	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	34.5	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	34.5	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	172	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	34.5	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	34.5	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	34.5	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	R01	µg/kg dry	34.5	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	34.5	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	34.5	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	34.5	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	34.5	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	34.5	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	34.5	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	34.5	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	34.5	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	172	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	34.5	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	34.5	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	34.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*106*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	68.9	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	68.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	68.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	68.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	68.9	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	68.9	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	68.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	68.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	68.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*		*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	807	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	807	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	807	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	807	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	807	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	807	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	807	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	807	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-44 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	807	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	807	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	807	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	807	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	807	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	807	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	807	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	807	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	807	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	807	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	807	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	807	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	807	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	807	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	807	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	807	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	807	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	807	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	807	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	807	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	807	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	807	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	807	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	807	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	807	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	807	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	807	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	807	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	807	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	807	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	807	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	807	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	807	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	807	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	807	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	807	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	807	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	807	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	807	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	807	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	807	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	807	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	807	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	807	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	807	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	807	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	807	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	807	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	807	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	807	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-44 2'-4' SA59803-14	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3230	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	807	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	807	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3230	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	807	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	807	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	807	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	807	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	807	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	807	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	807	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	807	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	807	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	807	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	807	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*57*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*56*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*71*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*51*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*65*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*49*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.586		mg/kg dry	0.0326	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.06	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	7.00		mg/kg dry	1.59	1	"	"	"	"	"
7440-39-3	Barium	76.2		mg/kg dry	0.530	1	"	"	"	"	"
7440-43-9	Cadmium	0.461		mg/kg dry	0.265	1	"	"	"	"	"
7440-47-3	Chromium	9.60		mg/kg dry	0.530	1	"	"	"	"	"
7439-92-1	Lead	119		mg/kg dry	0.796	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.59	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0914		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	90.1		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-45 4-6'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Mar-07	21-Mar-07	7031261	BD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	95.9	50	SW 846 8260B	27-Mar-07	27-Mar-07	7031602	mar
67-64-1	Acetone	BRL		µg/kg dry	1920	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	95.9	50	"	"	"	"	"
71-43-2	Benzene	188		µg/kg dry	95.9	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	95.9	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	95.9	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	95.9	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	192	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	959	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	479	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	95.9	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	192	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	95.9	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	192	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	192	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	95.9	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	95.9	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	95.9	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	192	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	95.9	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	95.9	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	95.9	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	95.9	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	95.9	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	959	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	95.9	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	959	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	959	50	"	"	"	"	"
91-20-3	Naphthalene	177		µg/kg dry	95.9	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-45 4-6'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	95.9	50	SW 846 8260B	27-Mar-07	27-Mar-07	7031602	mar
100-42-5	Styrene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	95.9	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	95.9	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
108-88-3	Toluene	339		µg/kg dry	95.9	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	95.9	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	95.9	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	95.9	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	95.9	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	95.9	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	95.9	50	"	"	"	"	"
1330-20-7	m,p-Xylene	224		µg/kg dry	192	50	"	"	"	"	"
95-47-6	o-Xylene	99.7		µg/kg dry	95.9	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	959	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	95.9	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	95.9	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	95.9	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	95.9	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	959	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1920	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*89*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*92*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	46.1	1	+CT ETPH	22-Mar-07	26-Mar-07	7031284	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	46.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	46.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	46.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	46.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	46.1	1	"	"	"	"	"
	Unidentified	203		mg/kg dry	46.1	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	46.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	203		mg/kg dry	46.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	203		mg/kg dry	46.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*140*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	7.74	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-45 4-6'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-10				

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											
319-84-6	a-BHC	BRL		µg/kg dry	7.74	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG
319-85-7	b-BHC	BRL		µg/kg dry	7.74	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.74	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.74	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	38.7	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	7.74	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	7.74	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	7.74	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.74	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.74	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.74	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.74	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.74	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.74	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.74	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.74	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	38.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.74	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.74	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.74	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*36*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*57*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	15.5	1	SW846 8082	22-Mar-07	24-Mar-07	7031313	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	15.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	15.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	15.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	15.5	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	15.5	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	15.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	15.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	15.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*		*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	343	1	SW846 8270C	23-Mar-07	26-Mar-07	7031371	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	343	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	343	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	343	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	343	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	343	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	343	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	343	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-45 4-6'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-10				

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											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	343	1	SW846 8270C	23-Mar-07	26-Mar-07	7031371	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	343	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	343	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	343	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	343	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	343	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	343	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	343	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	343	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	343	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	343	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	343	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	343	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	343	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	343	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	343	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	343	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	343	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	343	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	343	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	343	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	343	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	343	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	343	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	343	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	343	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	343	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	343	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	343	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	343	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	343	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	343	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	343	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	343	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	343	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	343	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	343	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	343	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	343	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	343	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	343	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	343	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	343	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	343	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	343	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	343	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	343	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	343	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	343	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	343	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-45 4-6'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-10				

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											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1370	1	SW846 8270C	23-Mar-07	26-Mar-07	7031371	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	343	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	343	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1370	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	343	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	343	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	343	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	343	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	343	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	343	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	343	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	343	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	343	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	343	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	343	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*106*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*78*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*79*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*86*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*123*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*107*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0948		mg/kg dry	0.0436	1	SW846 7471A	26-Mar-07	27-Mar-07	7031322	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.40	1	EPA 200.7	26-Mar-07	27-Mar-07	7031321	HB
7440-38-2	Arsenic	21.6		mg/kg dry	2.10	1	"	"	"	"	"
7440-39-3	Barium	59.6		mg/kg dry	0.702	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.351	1	"	"	"	"	"
7440-47-3	Chromium	4.50		mg/kg dry	0.702	1	"	"	"	"	"
7439-92-1	Lead	65.3		mg/kg dry	1.05	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	2.10	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-Mar-07	22-Mar-07	7031344	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-Mar-07	24-Mar-07	7031408	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0236		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	"	26-Mar-07	7031409	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	24-Mar-07	7031408	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	68.5		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031463	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-46 2-4' SA59517-11	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	21-Mar-07	21-Mar-07	7031261	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	6.7	1	SW 846 8260B	22-Mar-07	23-Mar-07	7031335	RLJ
67-64-1	Acetone	BRL		µg/kg dry	134	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	67.2	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	33.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	67.2	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	67.2	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	67.2	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-46 2-4' SA59517-11	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.7	1	SW 846 8260B	22-Mar-07	23-Mar-07	7031335	RLJ
100-42-5	Styrene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	67.2	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	67.2	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	134	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*110*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	187	1	+CT ETPH	22-Mar-07	26-Mar-07	7031284	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	187	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	187	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	187	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	187	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	187	1	"	"	"	"	"
	Unidentified	1,150		mg/kg dry	187	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	187	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	1,150		mg/kg dry	187	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	1,150		mg/kg dry	187	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*231*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.63	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-46 2-4'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	6.63	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.63	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.63	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.63	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	33.2	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.63	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.63	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.63	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.63	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.63	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.63	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.63	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.63	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.63	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.63	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.63	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.63	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	33.2	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.63	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.63	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.63	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*31*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.3	1	SW846 8082	22-Mar-07	24-Mar-07	7031313	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	13.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.3	1	"	"	"	"	"
11096-82-5	PCB 1260	21.2		µg/kg dry	13.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*		*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	923	2	SW846 8270C	23-Mar-07	26-Mar-07	7031371	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	923	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	923	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	923	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	923	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	923	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	923	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	923	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-46 2-4'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	923	2	SW846 8270C	23-Mar-07	26-Mar-07	7031371	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	923	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	923	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	923	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	923	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	923	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	923	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	923	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	923	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	923	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	923	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	923	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	923	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	923	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	923	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	923	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	923	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	923	2	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	923	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	923	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	923	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	923	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	923	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	923	2	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	923	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	923	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	923	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	923	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	923	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	923	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	923	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	923	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	923	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	923	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	923	2	"	"	"	"	"
206-44-0	Fluoranthene	1,120		µg/kg dry	923	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	923	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	923	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	923	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	923	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	923	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	923	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	923	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	923	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	923	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	923	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	923	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	923	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	923	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	923	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-46 2-4' SA59517-11	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3690	2	SW846 8270C	23-Mar-07	26-Mar-07	7031371	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	923	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	923	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3690	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	923	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	923	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	923	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	923	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	923	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	923	2	"	"	"	"	"
129-00-0	Pyrene	1,990		µg/kg dry	923	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	923	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	923	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	923	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	923	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*109*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*86*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*99*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*98*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*122*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*108*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.363		mg/kg dry	0.0336	1	SW846 7471A	26-Mar-07	27-Mar-07	7031322	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.12	1	EPA 200.7	26-Mar-07	27-Mar-07	7031321	HB
7440-38-2	Arsenic	19.7		mg/kg dry	1.67	1	"	"	"	"	"
7440-39-3	Barium	69.0		mg/kg dry	0.558	1	"	"	"	"	"
7440-43-9	Cadmium	0.457		mg/kg dry	0.279	1	"	"	"	"	"
7440-47-3	Chromium	7.82		mg/kg dry	0.558	1	"	"	"	"	"
7439-92-1	Lead	136		mg/kg dry	0.836	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.67	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-Mar-07	22-Mar-07	7031344	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-Mar-07	24-Mar-07	7031408	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0130		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	"	26-Mar-07	7031409	YP
7439-92-1	Lead	0.0146		mg/l	0.0075	1	SW846 1312/6010B	"	24-Mar-07	7031408	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	87.4		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031463	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-47 2-4'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-12				

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	21-Mar-07	21-Mar-07	7031261	BD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	61.9	50	SW 846 8260B	27-Mar-07	27-Mar-07	7031602	mar
67-64-1	Acetone	BRL		µg/kg dry	1240	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	61.9	50	"	"	"	"	"
71-43-2	Benzene	72.5		µg/kg dry	61.9	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	61.9	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	61.9	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	61.9	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	124	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	619	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	310	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	61.9	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	124	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	61.9	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	124	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	124	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	61.9	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	61.9	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	61.9	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	124	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	61.9	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	61.9	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	61.9	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	61.9	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	61.9	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	619	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	61.9	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	619	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	619	50	"	"	"	"	"
91-20-3	Naphthalene	133		µg/kg dry	61.9	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-47 2-4'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	61.9	50	SW 846 8260B	27-Mar-07	27-Mar-07	7031602	mar
100-42-5	Styrene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	61.9	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	61.9	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
108-88-3	Toluene	202		µg/kg dry	61.9	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	61.9	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	61.9	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	61.9	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	61.9	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	61.9	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	61.9	50	"	"	"	"	"
1330-20-7	m,p-Xylene	165		µg/kg dry	124	50	"	"	"	"	"
95-47-6	o-Xylene	80.5		µg/kg dry	61.9	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	619	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	61.9	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	61.9	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	61.9	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	61.9	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	619	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1240	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*91*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	350	1	+CT ETPH	22-Mar-07	26-Mar-07	7031284	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	350	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	350	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	350	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	350	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	350	1	"	"	"	"	"
	Unidentified	1,310		mg/kg dry	350	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	350	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	1,310		mg/kg dry	350	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	1,310		mg/kg dry	350	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*203*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.36	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-47 2-4' SA59517-12	301-88	Soil	19-Mar-07 00:00	20-Mar-07

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											
319-84-6	a-BHC	BRL		µg/kg dry	6.36	1	SW846 8081A	22-Mar-07	27-Mar-07	7031275	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.36	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.36	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.36	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	31.8	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.36	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.36	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.36	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.36	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.36	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.36	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.36	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.36	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.36	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.36	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.36	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.36	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	31.8	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.36	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.36	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.36	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*33*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*56*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.7	1	SW846 8082	22-Mar-07	24-Mar-07	7031313	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	12.7	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.7	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.7	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.7	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.7	1	"	"	"	"	"
11096-82-5	PCB 1260	28.0		µg/kg dry	12.7	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.7	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	1740	2	SW846 8270C	23-Mar-07	26-Mar-07	7031371	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	1740	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	1740	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	1740	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	1740	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1740	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1740	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	1740	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-47 2-4'	301-88	Soil	19-Mar-07 00:00	20-Mar-07
SA59517-12				

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			R05								
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	1740	2	SW846 8270C	23-Mar-07	26-Mar-07	7031371	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	1740	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1740	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	1740	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1740	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1740	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1740	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1740	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1740	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1740	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1740	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1740	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	1740	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1740	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1740	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1740	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1740	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1740	2	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	1740	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1740	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1740	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1740	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1740	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1740	2	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	1740	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1740	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1740	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1740	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1740	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1740	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1740	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1740	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1740	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1740	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1740	2	"	"	"	"	"
206-44-0	Fluoranthene	2,770		µg/kg dry	1740	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1740	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1740	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1740	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1740	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1740	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1740	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1740	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1740	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1740	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	1740	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	1740	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1740	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1740	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1740	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-47 2-4' SA59517-12	301-88	Soil	19-Mar-07 00:00	20-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	6940	2	SW846 8270C	23-Mar-07	26-Mar-07	7031371	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	1740	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1740	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	6940	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1740	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1740	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1740	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1740	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	1740	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	1740	2	"	"	"	"	"
129-00-0	Pyrene	3,260		µg/kg dry	1740	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	1740	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1740	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1740	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1740	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*102*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*91*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*91*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*96*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*128*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*101*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.182		mg/kg dry	0.0324	1	SW846 7471A	26-Mar-07	27-Mar-07	7031322	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.07	1	EPA 200.7	26-Mar-07	27-Mar-07	7031321	HB
7440-38-2	Arsenic	10.7		mg/kg dry	1.61	1	"	"	"	"	"
7440-39-3	Barium	54.7		mg/kg dry	0.535	1	"	"	"	"	"
7440-43-9	Cadmium	0.589		mg/kg dry	0.268	1	"	"	"	"	"
7440-47-3	Chromium	8.64		mg/kg dry	0.535	1	"	"	"	"	"
7439-92-1	Lead	183		mg/kg dry	0.803	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.61	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-Mar-07	22-Mar-07	7031344	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-Mar-07	24-Mar-07	7031408	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0120		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	26-Mar-07	7031409	YP
7439-92-1	Lead	0.0261		mg/l	0.0075	1	SW846 1312/6010B	"	24-Mar-07	7031408	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	90.9		%		1	SM2540 G Mod.	24-Mar-07	24-Mar-07	7031463	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-48 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-15				

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	28-Mar-07	28-Mar-07	7031767	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	6.3	1	SW 846 8260B	29-Mar-07	29-Mar-07	7031790	RLJ
67-64-1	Acetone	BRL		µg/kg dry	126	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	63.1	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.6	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.6	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.6	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.6	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	63.1	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	63.1	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	63.1	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-48 2'-4' SA59803-15	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.3	1	SW 846 8260B	29-Mar-07	29-Mar-07	7031790	RLJ
100-42-5	Styrene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.6	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	63.1	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	63.1	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	126	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*112*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*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	7.0	1	+CT ETPH	29-Mar-07	30-Mar-07	7031773	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	7.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	7.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	7.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	7.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	7.0	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	7.0	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	7.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	7.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	7.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*72*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	32.4	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-48 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-15				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	32.4	1	SW846 8081A	28-Mar-07	02-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	32.4	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	32.4	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	32.4	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	162	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	32.4	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	32.4	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	32.4	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	R01	µg/kg dry	32.4	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	32.4	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	32.4	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	32.4	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	32.4	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	32.4	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	32.4	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	32.4	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	32.4	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	162	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	32.4	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	32.4	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	32.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*51*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*76*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	64.9	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	64.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	64.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	64.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	64.9	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	64.9	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	64.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	64.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	64.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*		*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	874	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	874	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	874	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	874	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	874	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	874	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	874	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	874	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-48 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-15				

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											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	874	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	874	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	874	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	874	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	874	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	874	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	874	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	874	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	874	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	874	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	874	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	874	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	874	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	874	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	874	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	874	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	874	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	874	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	874	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	874	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	874	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	874	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	874	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	874	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	874	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	874	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	874	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	874	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	874	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	874	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	874	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	874	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	874	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	874	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	874	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	874	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	874	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	874	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	874	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	874	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	874	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	874	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	874	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	874	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	874	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	874	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	874	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	874	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	874	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	874	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-48 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-15				

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											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3500	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	874	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	874	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3500	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	874	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	874	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	874	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	874	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	874	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	874	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	874	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	874	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	874	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	874	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	874	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*52*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*57*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*72*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*62*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*76*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*47*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0333	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.11	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	3.63		mg/kg dry	1.66	1	"	"	"	"	"
7440-39-3	Barium	39.3		mg/kg dry	0.555	1	"	"	"	"	"
7440-43-9	Cadmium	0.871		mg/kg dry	0.277	1	"	"	"	"	"
7440-47-3	Chromium	10.4		mg/kg dry	0.555	1	"	"	"	"	"
7439-92-1	Lead	228		mg/kg dry	0.832	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.66	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0150		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	0.0210		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	89.7		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-49 2'-4' SA59464-06	301-88	Soil	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	20-Mar-07	20-Mar-07	7031156	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	4.5	1	SW 846 8260B	21-Mar-07	22-Mar-07	7031233	TR
67-64-1	Acetone	BRL		µg/kg dry	90.9	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	4.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	9.1	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	45.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	22.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	9.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	4.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	9.1	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.1	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.1	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	45.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	45.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	45.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	4.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-49 2'-4' SA59464-06	301-88	Soil	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.5	1	SW 846 8260B	21-Mar-07	22-Mar-07	7031233	TR
100-42-5	Styrene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	9.1	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	45.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	45.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	90.9	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*108*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	17.2	1	+CT ETPH	21-Mar-07	21-Mar-07	7031167	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	17.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	17.2	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	17.2	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	17.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*84*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	5.14	1	SW846 8081A	20-Mar-07	25-Mar-07	7031068	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-49 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-06				

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											
319-84-6	a-BHC	BRL		µg/kg dry	5.14	1	SW846 8081A	20-Mar-07	25-Mar-07	7031068	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.14	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.14	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.14	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	25.7	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.14	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.14	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.14	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.14	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.14	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.14	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.14	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.14	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.14	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.14	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.14	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.14	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	25.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.14	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.14	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.14	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*77*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	10.3	1	SW846 8082	22-Mar-07	24-Mar-07	7031274	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	10.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	10.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	10.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	10.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	10.3	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	10.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	10.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	10.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*		*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	427	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	427	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	427	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	427	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	427	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	427	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	427	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	427	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-49 2'-4' SA59464-06	301-88	Soil	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	427	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	427	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	427	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	427	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	427	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	427	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	427	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	427	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	427	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	427	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	427	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	427	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	427	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	427	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	427	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	427	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	427	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	427	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	427	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	427	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	427	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	427	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	427	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	"
206-44-0	Fluoranthene	447		µg/kg dry	427	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	427	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	427	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	427	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	427	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	427	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	427	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	427	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	427	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	427	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	427	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	427	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-49 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-06				

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											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1710	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	427	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	427	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1710	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	427	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	427	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	427	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	427	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	427	1	"	"	"	"	"
129-00-0	Pyrene	486		µg/kg dry	427	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	427	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*77*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*64*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*73*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*63*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*87*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*67*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0683		mg/kg dry	0.0310	1	SW846 7471A	23-Mar-07	26-Mar-07	7031306	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.01	1	EPA 200.7	23-Mar-07	24-Mar-07	7031305	HB
7440-38-2	Arsenic	1.64		mg/kg dry	1.52	1	"	"	"	"	"
7440-39-3	Barium	21.6		mg/kg dry	0.506	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.253	1	"	"	"	"	"
7440-47-3	Chromium	4.29		mg/kg dry	0.506	1	"	"	"	"	"
7439-92-1	Lead	23.6		mg/kg dry	1.01	1	"	"	24-Mar-07	"	LR
7782-49-2	Selenium	BRL		mg/kg dry	1.52	1	"	"	24-Mar-07	"	HB
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-Mar-07	21-Mar-07	7031229	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	22-Mar-07	23-Mar-07	7031323	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0186		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	"	23-Mar-07	7031324	yp
7439-92-1	Lead	0.0497		mg/l	0.0075	1	SW846 1312/6010B	"	23-Mar-07	7031323	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	94.5		%		1	SM2540 G Mod.	22-Mar-07	22-Mar-07	7031307	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-50 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	20-Mar-07	20-Mar-07	7031156	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	4.0	1	SW 846 8260B	21-Mar-07	22-Mar-07	7031233	TR
67-64-1	Acetone	BRL		µg/kg dry	79.4	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	4.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	39.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	19.8	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	4.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	4.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	7.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	39.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	39.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	39.7	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	4.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-50 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.0	1	SW 846 8260B	21-Mar-07	22-Mar-07	7031233	TR
100-42-5	Styrene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	7.9	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	4.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	39.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	4.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	39.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	79.4	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*105*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*113*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	19.1	1	+CT ETPH	21-Mar-07	21-Mar-07	7031167	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	19.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	19.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	19.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	19.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	19.1	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	19.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	19.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	19.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	19.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*95*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	5.51	1	SW846 8081A	20-Mar-07	25-Mar-07	7031068	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-50 2'-4' SA59464-07	301-88	Soil	15-Mar-07 00:00	19-Mar-07

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											
319-84-6	a-BHC	BRL		µg/kg dry	5.51	1	SW846 8081A	20-Mar-07	25-Mar-07	7031068	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.51	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.51	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.51	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	27.5	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.51	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.51	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.51	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.51	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.51	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.51	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.51	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.51	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.51	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.51	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.51	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.51	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	27.5	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.51	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.51	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.51	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*84*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.0	1	SW846 8082	22-Mar-07	24-Mar-07	7031274	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	11.0	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.0	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.0	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.0	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.0	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	11.0	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.0	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*		*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	475	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	475	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	475	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	475	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	475	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	475	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	475	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	475	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-50 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	475	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	475	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	475	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	475	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	475	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	475	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	475	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	475	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	475	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	475	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	475	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	475	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	475	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	475	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	475	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	475	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	475	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	475	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	475	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	475	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	475	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	475	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	475	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	475	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	475	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	475	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	475	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	475	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	475	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	475	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	475	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	475	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	475	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	475	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	475	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	475	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	475	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	475	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	475	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	475	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	475	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	475	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	475	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	475	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	475	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	475	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	475	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	475	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	475	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	475	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-50 2'-4' SA59464-07	301-88	Soil	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1900	1	SW846 8270C	22-Mar-07	24-Mar-07	7031278	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	475	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	475	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1900	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	475	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	475	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	475	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	475	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	475	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	475	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	475	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	475	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	475	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	475	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	475	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*79*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*63*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*75*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*50*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*90*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*75*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0344		mg/kg dry	0.0328	1	SW846 7471A	23-Mar-07	26-Mar-07	7031306	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.983	1	EPA 200.7	23-Mar-07	24-Mar-07	7031305	HB
7440-38-2	Arsenic	1.98		mg/kg dry	1.47	1	"	"	"	"	"
7440-39-3	Barium	23.5		mg/kg dry	0.491	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.246	1	"	"	"	"	"
7440-47-3	Chromium	5.12		mg/kg dry	0.491	1	"	"	"	"	"
7439-92-1	Lead	9.99		mg/kg dry	0.983	1	"	"	24-Mar-07	"	LR
7782-49-2	Selenium	BRL		mg/kg dry	1.47	1	"	"	24-Mar-07	"	HB
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-Mar-07	21-Mar-07	7031229	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	22-Mar-07	23-Mar-07	7031323	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0146		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	"	23-Mar-07	7031324	yp
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	23-Mar-07	7031323	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	89.5		%		1	SM2540 G Mod.	22-Mar-07	22-Mar-07	7031307	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-51 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-08				

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	20-Mar-07	20-Mar-07	7031156	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	3.5	1	SW 846 8260B	21-Mar-07	22-Mar-07	7031233	TR
67-64-1	Acetone	BRL		µg/kg dry	70.7	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	3.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	3.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	35.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	17.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	3.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	3.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	3.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	3.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	35.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	3.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	35.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	35.3	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	3.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-51 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.5	1	SW 846 8260B	21-Mar-07	22-Mar-07	7031233	TR
100-42-5	Styrene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	3.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	3.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	35.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	3.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	3.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	3.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	3.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	35.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	70.7	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*111*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	17.0	1	+CT ETPH	21-Mar-07	21-Mar-07	7031167	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	17.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	17.0	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	17.0	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	17.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*88*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	5.41	1	SW846 8081A	20-Mar-07	25-Mar-07	7031068	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-51 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-08				

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											
319-84-6	a-BHC	BRL		µg/kg dry	5.41	1	SW846 8081A	20-Mar-07	25-Mar-07	7031068	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.41	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.41	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.41	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	27.0	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.41	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.41	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.41	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.41	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.41	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.41	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.41	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.41	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.41	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.41	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.41	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.41	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	27.0	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.41	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.41	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.41	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*44*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*		*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	22-Mar-07	24-Mar-07	7031274	MP
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)*	*45*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*		*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	423	1	SW846 8270C	22-Mar-07	25-Mar-07	7031278	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	423	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	423	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	423	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	423	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	423	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	423	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	423	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-51 2'-4' SA59464-08	301-88	Soil	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	423	1	SW846 8270C	22-Mar-07	25-Mar-07	7031278	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	423	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	423	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	423	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	423	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	423	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	423	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	423	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	423	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	423	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	423	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	423	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	423	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	423	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	423	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	423	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	423	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	423	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	423	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	423	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	423	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	423	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	423	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	423	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	423	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	423	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	423	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	423	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	423	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	423	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	423	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	423	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	423	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	423	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	423	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	423	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	423	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	423	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	423	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	423	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	423	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	423	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	423	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	423	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	423	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	423	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	423	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	423	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	423	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	423	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-51 2'-4'	301-88	Soil	15-Mar-07 00:00	19-Mar-07
SA59464-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1690	1	SW846 8270C	22-Mar-07	25-Mar-07	7031278	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	423	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	423	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1690	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	423	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	423	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	423	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	423	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	423	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	423	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	423	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	423	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	423	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	423	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	423	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*81*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*67*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*80*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*69*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*89*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*76*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0320	1	SW846 7471A	23-Mar-07	26-Mar-07	7031306	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.02	1	EPA 200.7	23-Mar-07	24-Mar-07	7031305	HB
7440-38-2	Arsenic	1.96		mg/kg dry	1.53	1	"	"	"	"	"
7440-39-3	Barium	25.6		mg/kg dry	0.509	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.254	1	"	"	"	"	"
7440-47-3	Chromium	6.56		mg/kg dry	0.509	1	"	"	"	"	"
7439-92-1	Lead	6.60		mg/kg dry	1.02	1	"	"	24-Mar-07	"	LR
7782-49-2	Selenium	BRL		mg/kg dry	1.53	1	"	"	24-Mar-07	"	HB
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-Mar-07	21-Mar-07	7031229	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	22-Mar-07	24-Mar-07	7031323	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0064		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	"	23-Mar-07	7031324	yp
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	24-Mar-07	7031323	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	93.6		%		1	SM2540 G Mod.	22-Mar-07	22-Mar-07	7031307	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-52 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-16				

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	28-Mar-07	28-Mar-07	7031767	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	6.6	1	SW 846 8260B	29-Mar-07	29-Mar-07	7031790	RLJ
67-64-1	Acetone	BRL		µg/kg dry	133	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.6	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	66.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	33.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.3	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.3	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.3	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	66.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	66.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	66.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.6	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-52 2'-4' SA59803-16	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.6	1	SW 846 8260B	29-Mar-07	29-Mar-07	7031790	RLJ
100-42-5	Styrene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	66.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	66.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	133	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*108*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*123*		*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	6.5	1	+CT ETPH	29-Mar-07	30-Mar-07	7031773	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	6.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	6.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	6.5	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	6.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	6.5	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	6.5	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	6.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	6.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	6.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*118*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	34.9	1	SW846 8081A	28-Mar-07	03-Apr-07	7031739	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-52 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-16				

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	34.9	1	SW846 8081A	28-Mar-07	03-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	34.9	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	34.9	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	34.9	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	174	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	34.9	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	34.9	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	34.9	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	R01	µg/kg dry	34.9	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	34.9	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	34.9	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	34.9	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	34.9	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	34.9	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	34.9	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	34.9	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	34.9	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	174	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	34.9	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	34.9	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	34.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*119*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	69.7	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	69.7	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	69.7	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	69.7	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	69.7	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	69.7	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	69.7	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	69.7	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	69.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*		*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	807	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	807	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	807	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	807	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	807	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	807	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	807	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	807	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-52 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-16				

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											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	807	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	807	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	807	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	807	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	807	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	807	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	807	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	807	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	807	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	807	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	807	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	807	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	807	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	807	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	807	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	807	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	807	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	807	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	807	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	807	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	807	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	807	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	807	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	807	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	807	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	807	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	807	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	807	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	807	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	807	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	807	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	807	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	807	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	807	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	807	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	807	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	807	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	807	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	807	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	807	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	807	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	807	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	807	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	807	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	807	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	807	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	807	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	807	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	807	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	807	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-52 2'-4' SA59803-16	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3230	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	807	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	807	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3230	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	807	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	807	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	807	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	807	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	807	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	807	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	807	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	807	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	807	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	807	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	807	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*55*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*53*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*75*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*63*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*74*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*44*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	2.87		mg/kg dry	0.0342	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	1.62		mg/kg dry	1.10	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	3.94		mg/kg dry	1.65	1	"	"	"	"	"
7440-39-3	Barium	95.3		mg/kg dry	0.549	1	"	"	"	"	"
7440-43-9	Cadmium	0.499		mg/kg dry	0.274	1	"	"	"	"	"
7440-47-3	Chromium	10.2		mg/kg dry	0.549	1	"	"	"	"	"
7439-92-1	Lead	320		mg/kg dry	0.823	1	"	"	"	"	"
7782-49-2	Selenium	1.82		mg/kg dry	1.65	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0118		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	0.0138		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	86.6		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-53 2'-4' SA59803-17	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	28-Mar-07	28-Mar-07	7031767	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	5.5	1	SW 846 8260B	29-Mar-07	29-Mar-07	7031790	RLJ
67-64-1	Acetone	BRL		µg/kg dry	111	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	11.1	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	55.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	11.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	11.1	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.1	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.1	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	55.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	55.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	55.3	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-53 2'-4' SA59803-17	301-88	Soil	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.5	1	SW 846 8260B	29-Mar-07	29-Mar-07	7031790	RLJ
100-42-5	Styrene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	11.1	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	55.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	55.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	111	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*107*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*122*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*114*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	5.5	1	+CT ETPH	29-Mar-07	30-Mar-07	7031773	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	5.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	5.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	5.5	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	5.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	5.5	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	5.5	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	5.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	5.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	5.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*71*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	32.0	1	SW846 8081A	28-Mar-07	03-Apr-07	7031739	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-53 2'-4' SA59803-17	301-88	Soil	26-Mar-07 00:00	27-Mar-07

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 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	32.0	1	SW846 8081A	28-Mar-07	03-Apr-07	7031739	TG
319-85-7	b-BHC	BRL		µg/kg dry	32.0	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	32.0	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	32.0	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	160	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	32.0	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	32.0	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	32.0	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	R01	µg/kg dry	32.0	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	32.0	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	32.0	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	32.0	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	32.0	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	32.0	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	32.0	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	32.0	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	32.0	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	160	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	32.0	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	32.0	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	32.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*64*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*96*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	64.1	1	SW846 8082	28-Mar-07	30-Mar-07	7031738	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	64.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	64.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	64.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	64.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	64.1	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	64.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	64.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	64.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*		*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	686	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	686	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	686	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	686	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	686	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	686	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	686	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	686	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-53 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-17				

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 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	686	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	686	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	686	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	686	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	686	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	686	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	686	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	686	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	686	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	686	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	686	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	686	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	686	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	686	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	686	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	686	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	686	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	686	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	686	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	686	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	686	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	686	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	686	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	686	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	686	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	686	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	686	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	686	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	686	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	686	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	686	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	686	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	686	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	686	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	686	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	686	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	686	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	686	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	686	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	686	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	686	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	686	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	686	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	686	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	686	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	686	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	686	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	686	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	686	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	686	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-53 2'-4'	301-88	Soil	26-Mar-07 00:00	27-Mar-07
SA59803-17				

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 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2740	1	SW846 8270C	29-Mar-07	03-Apr-07	7031774	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	686	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	686	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2740	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	686	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	686	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	686	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	686	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	686	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	686	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	686	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	686	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	686	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	686	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	686	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*59*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*61*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*80*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*51*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*68*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*45*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	2.21		mg/kg dry	0.0355	1	SW846 7471A	02-Apr-07	03-Apr-07	7031810	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.18	1	EPA 200.7	02-Apr-07	02-Apr-07	7031809	HB
7440-38-2	Arsenic	4.42		mg/kg dry	1.78	1	"	"	"	"	"
7440-39-3	Barium	98.3		mg/kg dry	0.592	1	"	"	"	"	"
7440-43-9	Cadmium	0.521		mg/kg dry	0.296	1	"	"	"	"	"
7440-47-3	Chromium	5.68		mg/kg dry	0.592	1	"	"	"	"	"
7439-92-1	Lead	333		mg/kg dry	0.888	1	"	"	"	"	"
7782-49-2	Selenium	1.81		mg/kg dry	1.78	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	28-Mar-07	28-Mar-07	7031763	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	30-Mar-07	02-Apr-07	7031805	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0208		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	02-Apr-07	7031806	YP
7439-92-1	Lead	0.0111		mg/l	0.0075	1	SW846 1312/6010B	"	02-Apr-07	7031805	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	84.4		%		1	SM2540 G Mod.	30-Mar-07	30-Mar-07	7031879	YM

APPENDIX D
Ballast Sample
Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-1 SA59464-09	301-88	Ballast	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg wet	5.1	1	SW 846 8260B	22-Mar-07	22-Mar-07	7031291	RLJ
67-64-1	Acetone	BRL		µg/kg wet	102	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg wet	5.1	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg wet	5.1	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg wet	5.1	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg wet	5.1	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg wet	10.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg wet	50.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg wet	25.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg wet	5.1	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg wet	10.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg wet	5.1	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg wet	10.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg wet	5.1	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.1	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg wet	5.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg wet	5.1	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg wet	5.1	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg wet	5.1	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg wet	5.1	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg wet	5.1	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg wet	50.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg wet	5.1	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg wet	50.9	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg wet	5.1	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-1	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-09				

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)											
100-42-5	Styrene	BRL		µg/kg wet	5.1	1	SW 846 8260B	22-Mar-07	22-Mar-07	7031291	RLJ
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.1	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.1	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg wet	5.1	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg wet	5.1	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.1	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg wet	5.1	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg wet	5.1	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg wet	10.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg wet	5.1	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg wet	50.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg wet	5.1	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg wet	5.1	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg wet	5.1	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg wet	5.1	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg wet	102	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*107*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*116*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
	VOC Extraction	Field extracted		N/A		1	VOC	20-Mar-07	20-Mar-07	7031156	BD
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	30.2	1	+CT ETPH	22-Mar-07	26-Mar-07	7031283	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	30.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	30.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg	30.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg	30.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	30.2	1	"	"	"	"	"
	Unidentified	BRL		mg/kg	30.2	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	30.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg	30.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg	30.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*114*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	14.2	1	SW846 8081A	21-Mar-07	25-Mar-07	7031171	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-1 SA59464-09	301-88	Ballast	15-Mar-07 00:00	19-Mar-07

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											
319-84-6	a-BHC	BRL		µg/kg	14.2	1	SW846 8081A	21-Mar-07	25-Mar-07	7031171	TG
319-85-7	b-BHC	BRL		µg/kg	14.2	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	14.2	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	14.2	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	71.0	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg	14.2	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg	14.2	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg	14.2	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	14.2	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	14.2	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	14.2	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	14.2	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	14.2	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	14.2	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	14.2	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	14.2	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	71.0	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	14.2	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	14.2	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	14.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*74*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	28.4	1	SW846 8082	21-Mar-07	24-Mar-07	7031170	SM
11104-28-2	PCB 1221	BRL		µg/kg	28.4	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	28.4	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	28.4	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	28.4	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg	28.4	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg	28.4	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	28.4	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	28.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*		*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	749	1	SW846 8270C	22-Mar-07	25-Mar-07	7031282	M.B
208-96-8	Acenaphthylene	BRL		µg/kg	749	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	749	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg	749	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	749	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	749	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	749	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg	749	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-1	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-09				

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											
50-32-8	Benzo (a) pyrene	BRL		µg/kg	749	1	SW846 8270C	22-Mar-07	25-Mar-07	7031282	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	749	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	749	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	749	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	749	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	749	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	749	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	749	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	749	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	749	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	749	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	749	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg	749	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	749	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	749	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	749	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	749	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	749	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg	749	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	749	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg	749	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	749	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	749	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	749	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	749	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	749	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	749	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	749	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	749	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	749	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	749	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	749	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	749	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	749	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	749	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg	749	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg	749	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	749	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	749	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	749	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	749	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	749	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg	749	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	749	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	749	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	749	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	749	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	749	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	749	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	749	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-1	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-09				

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											
100-01-6	4-Nitroaniline	BRL		µg/kg	3000	1	SW846 8270C	22-Mar-07	25-Mar-07	7031282	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	749	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	749	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	3000	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	749	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	749	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	749	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	749	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg	749	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	749	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg	749	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	749	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	749	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	749	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	749	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*39*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*26*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*33*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*28*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*44*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*27*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg	0.0295	1	SW846 7471A	26-Mar-07	26-Mar-07	7031311	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	0.920	1	EPA 200.7	26-Mar-07	26-Mar-07	7031263	LR
7440-38-2	Arsenic	BRL		mg/kg	1.38	1	"	"	"	"	"
7440-39-3	Barium	10.8		mg/kg	0.460	1	"	"	"	"	"
7440-43-9	Cadmium	0.626		mg/kg	0.230	1	"	"	"	"	"
7440-47-3	Chromium	1.97		mg/kg	0.460	1	"	"	"	"	"
7439-92-1	Lead	5.08		mg/kg	0.690	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.38	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-Mar-07	21-Mar-07	7031229	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	22-Mar-07	24-Mar-07	7031323	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0066		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	"	23-Mar-07	7031324	yp
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	24-Mar-07	7031323	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-2	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg wet	5.2	1	SW 846 8260B	22-Mar-07	22-Mar-07	7031291	RLJ
67-64-1	Acetone	BRL		µg/kg wet	104	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg wet	5.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg wet	5.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg wet	5.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg wet	5.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg wet	10.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg wet	51.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg wet	25.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg wet	5.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg wet	10.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg wet	5.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg wet	10.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg wet	5.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg wet	5.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg wet	5.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg wet	5.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg wet	5.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg wet	5.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg wet	5.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg wet	51.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg wet	5.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	51.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg wet	51.9	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg wet	5.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-2	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
100-42-5	Styrene	BRL		µg/kg wet	5.2	1	SW 846 8260B	22-Mar-07	22-Mar-07	7031291	RLJ
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg wet	5.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg wet	5.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg wet	5.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg wet	5.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg wet	10.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg wet	5.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg wet	51.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg wet	5.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg wet	5.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg wet	5.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg wet	5.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg wet	51.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg wet	104	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*109*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"
	VOC Extraction	Field extracted		N/A		1	VOC	20-Mar-07	20-Mar-07	7031156	BD
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	25.8	1	+CT ETPH	22-Mar-07	26-Mar-07	7031283	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	25.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	25.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg	25.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg	25.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	25.8	1	"	"	"	"	"
	Unidentified	BRL		mg/kg	25.8	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	25.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg	25.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg	25.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*122*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	13.8	1	SW846 8081A	21-Mar-07	26-Mar-07	7031171	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-2	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-10				

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											
319-84-6	a-BHC	BRL		µg/kg	13.8	1	SW846 8081A	21-Mar-07	26-Mar-07	7031171	TG
319-85-7	b-BHC	BRL		µg/kg	13.8	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	13.8	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	13.8	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	68.9	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg	13.8	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg	13.8	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg	13.8	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	13.8	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	13.8	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	13.8	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	13.8	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	13.8	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	13.8	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	13.8	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	13.8	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	68.9	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	13.8	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	13.8	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	13.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*76*		*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	27.5	1	SW846 8082	21-Mar-07	24-Mar-07	7031170	SM
11104-28-2	PCB 1221	BRL		µg/kg	27.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	27.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	27.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	27.5	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg	27.5	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg	27.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	27.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	27.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*		*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	641	1	SW846 8270C	22-Mar-07	25-Mar-07	7031282	M.B
208-96-8	Acenaphthylene	BRL		µg/kg	641	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	641	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg	641	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	641	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	641	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	641	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg	641	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-2 SA59464-10	301-88	Ballast	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg	641	1	SW846 8270C	22-Mar-07	25-Mar-07	7031282	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	641	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	641	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	641	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	641	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	641	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	641	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	641	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	641	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	641	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	641	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	641	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg	641	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	641	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	641	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	641	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	641	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	641	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg	641	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	641	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg	641	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	641	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	641	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	641	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	641	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	641	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	641	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	641	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	641	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	641	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	641	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	641	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	641	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	641	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	641	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg	641	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg	641	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	641	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	641	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	641	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	641	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	641	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg	641	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	641	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	641	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	641	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	641	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	641	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	641	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	641	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-2	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-10				

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											
100-01-6	4-Nitroaniline	BRL		µg/kg	2570	1	SW846 8270C	22-Mar-07	25-Mar-07	7031282	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	641	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	641	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	2570	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	641	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	641	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	641	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	641	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg	641	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	641	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg	641	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	641	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	641	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	641	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	641	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*40*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*24*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*30*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*30*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*43*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*25*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg	0.0295	1	SW846 7471A	26-Mar-07	26-Mar-07	7031311	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	0.991	1	EPA 200.7	26-Mar-07	26-Mar-07	7031263	LR
7440-38-2	Arsenic	BRL		mg/kg	1.49	1	"	"	"	"	"
7440-39-3	Barium	13.2		mg/kg	0.496	1	"	"	"	"	"
7440-43-9	Cadmium	0.506		mg/kg	0.248	1	"	"	"	"	"
7440-47-3	Chromium	3.22		mg/kg	0.496	1	"	"	"	"	"
7439-92-1	Lead	3.78		mg/kg	0.743	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.49	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-Mar-07	21-Mar-07	7031229	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	22-Mar-07	23-Mar-07	7031323	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0082		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	23-Mar-07	7031324	yp
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	23-Mar-07	7031323	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-3	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	20-Mar-07	20-Mar-07	7031156	BD
Volatile Organic Compounds			R05								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg	52.2	50	SW 846 8260B	21-Mar-07	22-Mar-07	7031189	jro
67-64-1	Acetone	BRL		µg/kg	1040	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg	52.2	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg	52.2	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg	52.2	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg	52.2	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg	52.2	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg	52.2	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg	104	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg	522	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg	52.2	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg	52.2	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg	52.2	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg	261	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg	52.2	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg	52.2	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg	104	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg	52.2	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg	104	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg	52.2	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg	52.2	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg	104	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg	52.2	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg	52.2	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg	52.2	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	52.2	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	52.2	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	52.2	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg	104	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg	52.2	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg	52.2	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg	52.2	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg	52.2	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg	52.2	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg	52.2	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg	52.2	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg	52.2	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg	52.2	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg	52.2	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg	52.2	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg	52.2	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	52.2	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg	522	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg	52.2	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg	52.2	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg	52.2	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	522	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg	522	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	52.2	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-3	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			R05								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg	52.2	50	SW 846 8260B	21-Mar-07	22-Mar-07	7031189	jro
100-42-5	Styrene	BRL		µg/kg	52.2	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg	52.2	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg	52.2	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg	52.2	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg	52.2	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg	52.2	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	52.2	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg	52.2	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg	52.2	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg	52.2	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg	52.2	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg	52.2	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg	52.2	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg	52.2	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg	52.2	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg	104	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg	52.2	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg	522	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg	52.2	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg	52.2	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg	52.2	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg	52.2	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg	522	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg	1040	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*112*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*110*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	25.6	1	+CT ETPH	22-Mar-07	26-Mar-07	7031283	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	25.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	25.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg	25.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg	25.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	25.6	1	"	"	"	"	"
	Unidentified	BRL		mg/kg	25.6	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	25.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg	25.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg	25.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*117*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	13.5	1	SW846 8081A	21-Mar-07	26-Mar-07	7031171	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-3	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg	13.5	1	SW846 8081A	21-Mar-07	26-Mar-07	7031171	TG
319-85-7	b-BHC	BRL		µg/kg	13.5	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	13.5	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	13.5	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	67.7	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg	13.5	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg	13.5	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg	13.5	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	13.5	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	13.5	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	13.5	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	13.5	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	13.5	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	13.5	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	13.5	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	13.5	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	67.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	13.5	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	13.5	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	13.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*76*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*127*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	27.1	1	SW846 8082	21-Mar-07	24-Mar-07	7031170	SM
11104-28-2	PCB 1221	BRL		µg/kg	27.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	27.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	27.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	27.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg	27.1	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg	27.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	27.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	27.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*		*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	635	1	SW846 8270C	22-Mar-07	26-Mar-07	7031282	M.B
208-96-8	Acenaphthylene	BRL		µg/kg	635	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	635	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg	635	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	635	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	635	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	635	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg	635	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-3	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg	635	1	SW846 8270C	22-Mar-07	26-Mar-07	7031282	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	635	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	635	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	635	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	635	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	635	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	635	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	635	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	635	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	635	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	635	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	635	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg	635	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	635	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	635	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	635	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	635	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	635	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg	635	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	635	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg	635	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	635	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	635	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	635	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	635	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	635	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	635	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	635	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	635	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	635	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	635	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	635	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	635	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	635	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	635	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg	635	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg	635	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	635	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	635	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	635	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	635	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	635	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg	635	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	635	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	635	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	635	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	635	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	635	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	635	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	635	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-3	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg	2540	1	SW846 8270C	22-Mar-07	26-Mar-07	7031282	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	635	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	635	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	2540	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	635	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	635	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	635	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	635	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg	635	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	635	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg	635	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	635	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	635	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	635	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	635	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*40*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*17*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*33*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*29*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*46*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*34*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg	0.0299	1	SW846 7471A	26-Mar-07	26-Mar-07	7031311	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	0.891	1	EPA 200.7	26-Mar-07	26-Mar-07	7031263	LR
7440-38-2	Arsenic	BRL		mg/kg	1.34	1	"	"	"	"	"
7440-39-3	Barium	13.4		mg/kg	0.445	1	"	"	"	"	"
7440-43-9	Cadmium	0.731		mg/kg	0.223	1	"	"	"	"	"
7440-47-3	Chromium	2.12		mg/kg	0.445	1	"	"	"	"	"
7439-92-1	Lead	4.70		mg/kg	0.668	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.34	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-Mar-07	21-Mar-07	7031229	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	22-Mar-07	23-Mar-07	7031323	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0090		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	"	23-Mar-07	7031324	yp
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	23-Mar-07	7031323	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-4	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg wet	4.3	1	SW 846 8260B	22-Mar-07	22-Mar-07	7031291	RLJ
67-64-1	Acetone	BRL		µg/kg wet	87.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg wet	4.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg wet	4.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg wet	4.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg wet	4.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg wet	8.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg wet	43.5	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg wet	21.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg wet	4.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg wet	8.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg wet	4.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg wet	8.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	8.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg wet	4.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg wet	4.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg wet	4.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	8.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg wet	4.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg wet	4.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg wet	4.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg wet	4.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg wet	4.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg wet	43.5	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg wet	4.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	43.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg wet	43.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg wet	4.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-4 SA59464-12	301-88	Ballast	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
100-42-5	Styrene	BRL		µg/kg wet	4.3	1	SW 846 8260B	22-Mar-07	22-Mar-07	7031291	RLJ
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	4.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	4.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg wet	4.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg wet	4.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	4.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg wet	4.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg wet	4.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg wet	8.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg wet	4.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg wet	43.5	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg wet	4.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg wet	4.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg wet	4.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg wet	4.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg wet	43.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg wet	87.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
	VOC Extraction	Field extracted		N/A		1	VOC	20-Mar-07	20-Mar-07	7031156	BD
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	27.0	1	+CT ETPH	22-Mar-07	26-Mar-07	7031283	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	27.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	27.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg	27.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg	27.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	27.0	1	"	"	"	"	"
	Unidentified	BRL		mg/kg	27.0	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	27.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg	27.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg	27.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*114*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	13.3	1	SW846 8081A	21-Mar-07	26-Mar-07	7031171	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-4	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-12				

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											
319-84-6	a-BHC	BRL		µg/kg	13.3	1	SW846 8081A	21-Mar-07	26-Mar-07	7031171	TG
319-85-7	b-BHC	BRL		µg/kg	13.3	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	13.3	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	13.3	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	66.7	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg	13.3	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg	13.3	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg	7.00	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	6.90	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	13.3	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	13.3	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	13.3	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	13.3	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	13.3	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	13.3	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	13.3	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	13.3	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	66.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	13.3	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	13.3	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	13.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*69*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*118*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	26.7	1	SW846 8082	21-Mar-07	24-Mar-07	7031170	SM
11104-28-2	PCB 1221	BRL		µg/kg	26.7	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	26.7	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	26.7	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	26.7	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg	26.7	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg	26.7	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	26.7	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	26.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*		*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	670	1	SW846 8270C	22-Mar-07	25-Mar-07	7031282	M.B
208-96-8	Acenaphthylene	BRL		µg/kg	670	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	670	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg	670	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	670	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	670	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	670	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg	670	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-4 SA59464-12	301-88	Ballast	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg	670	1	SW846 8270C	22-Mar-07	25-Mar-07	7031282	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	670	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	670	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	670	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	670	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	670	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	670	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	670	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	670	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	670	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	670	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	670	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg	670	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	670	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	670	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	670	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	670	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	670	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg	670	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	670	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg	670	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	670	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	670	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	670	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	670	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	670	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	670	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	670	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	670	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	670	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	670	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	670	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	670	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	670	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	670	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg	670	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg	670	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	670	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	670	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	670	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	670	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	670	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg	670	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	670	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	670	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	670	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	670	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	670	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	670	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	670	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-4 SA59464-12	301-88	Ballast	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg	2680	1	SW846 8270C	22-Mar-07	25-Mar-07	7031282	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	670	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	670	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	2680	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	670	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	670	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	670	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	670	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg	670	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	670	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg	670	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	670	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	670	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	670	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	670	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*39*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*26*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*31*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*29*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*42*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*24*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg	0.0300	1	SW846 7471A	26-Mar-07	26-Mar-07	7031311	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	0.969	1	EPA 200.7	26-Mar-07	26-Mar-07	7031263	LR
7440-38-2	Arsenic	BRL		mg/kg	1.45	1	"	"	"	"	"
7440-39-3	Barium	11.4		mg/kg	0.484	1	"	"	"	"	"
7440-43-9	Cadmium	0.775		mg/kg	0.242	1	"	"	"	"	"
7440-47-3	Chromium	2.42		mg/kg	0.484	1	"	"	"	"	"
7439-92-1	Lead	5.95		mg/kg	0.726	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.45	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-Mar-07	21-Mar-07	7031229	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	22-Mar-07	23-Mar-07	7031323	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0072		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	23-Mar-07	7031324	yp
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	23-Mar-07	7031323	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-5 SA59464-13	301-88	Ballast	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg wet	4.4	1	SW 846 8260B	22-Mar-07	22-Mar-07	7031291	RLJ
67-64-1	Acetone	BRL		µg/kg wet	88.8	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg wet	4.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg wet	4.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg wet	4.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg wet	4.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg wet	8.9	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg wet	44.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg wet	22.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg wet	4.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg wet	8.9	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg wet	4.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg wet	8.9	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	8.9	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg wet	4.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg wet	4.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg wet	4.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	8.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg wet	4.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg wet	4.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg wet	4.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg wet	4.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg wet	4.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg wet	44.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg wet	4.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	44.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg wet	44.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg wet	4.4	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-5 SA59464-13	301-88	Ballast	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
100-42-5	Styrene	BRL		µg/kg wet	4.4	1	SW 846 8260B	22-Mar-07	22-Mar-07	7031291	RLJ
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	4.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	4.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg wet	4.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg wet	4.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	4.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg wet	4.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg wet	4.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg wet	8.9	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg wet	4.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg wet	44.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg wet	4.4	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg wet	4.4	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg wet	4.4	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg wet	4.4	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg wet	44.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg wet	88.8	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*105*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*110*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"
	VOC Extraction	Field extracted		N/A		1	VOC	20-Mar-07	20-Mar-07	7031156	BD
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	25.6	1	+CT ETPH	22-Mar-07	26-Mar-07	7031283	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	25.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	25.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg	25.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg	25.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	25.6	1	"	"	"	"	"
	Unidentified	BRL		mg/kg	25.6	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	25.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg	25.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg	25.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*111*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	13.9	1	SW846 8081A	21-Mar-07	26-Mar-07	7031171	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-5	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-13				

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											
319-84-6	a-BHC	BRL		µg/kg	13.9	1	SW846 8081A	21-Mar-07	26-Mar-07	7031171	TG
319-85-7	b-BHC	BRL		µg/kg	13.9	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	13.9	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	13.9	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	69.7	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg	13.9	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg	13.9	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg	13.9	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	13.9	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	13.9	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	13.9	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	13.9	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	13.9	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	13.9	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	13.9	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	13.9	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	69.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	13.9	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	13.9	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	13.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*69*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*137*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	27.9	1	SW846 8082	21-Mar-07	24-Mar-07	7031170	SM
11104-28-2	PCB 1221	BRL		µg/kg	27.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	27.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	27.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	27.9	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg	27.9	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg	27.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	27.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	27.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*		*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	635	1	SW846 8270C	22-Mar-07	25-Mar-07	7031282	M.B
208-96-8	Acenaphthylene	BRL		µg/kg	635	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	635	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg	635	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	635	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	635	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	635	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg	635	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-5	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-13				

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											
50-32-8	Benzo (a) pyrene	BRL		µg/kg	635	1	SW846 8270C	22-Mar-07	25-Mar-07	7031282	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	635	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	635	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	635	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	635	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	635	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	635	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	635	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	635	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	635	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	635	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	635	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg	635	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	635	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	635	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	635	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	635	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	635	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg	635	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	635	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg	635	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	635	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	635	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	635	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	635	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	635	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	635	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	635	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	635	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	635	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	635	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	635	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	635	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	635	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	635	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg	635	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg	635	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	635	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	635	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	635	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	635	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	635	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg	635	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	635	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	635	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	635	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	635	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	635	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	635	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	635	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-5 SA59464-13	301-88	Ballast	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg	2540	1	SW846 8270C	22-Mar-07	25-Mar-07	7031282	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	635	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	635	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	2540	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	635	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	635	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	635	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	635	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg	635	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	635	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg	635	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	635	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	635	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	635	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	635	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*42*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*19*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*36*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*22*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*45*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*27*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg	0.0296	1	SW846 7471A	26-Mar-07	26-Mar-07	7031311	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	0.958	1	EPA 200.7	26-Mar-07	26-Mar-07	7031263	LR
7440-38-2	Arsenic	BRL		mg/kg	1.44	1	"	"	"	"	"
7440-39-3	Barium	12.7		mg/kg	0.479	1	"	"	"	"	"
7440-43-9	Cadmium	0.565		mg/kg	0.240	1	"	"	"	"	"
7440-47-3	Chromium	3.10		mg/kg	0.479	1	"	"	"	"	"
7439-92-1	Lead	3.89		mg/kg	0.719	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.44	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-Mar-07	21-Mar-07	7031229	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	22-Mar-07	23-Mar-07	7031323	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0073		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	"	23-Mar-07	7031324	yp
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	23-Mar-07	7031323	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-6 SA59464-14	301-88	Ballast	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg wet	4.2	1	SW 846 8260B	22-Mar-07	22-Mar-07	7031291	RLJ
67-64-1	Acetone	BRL		µg/kg wet	84.6	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg wet	4.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg wet	4.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg wet	4.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg wet	4.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg wet	8.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg wet	42.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg wet	21.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg wet	4.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg wet	8.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg wet	4.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg wet	8.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	8.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg wet	4.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg wet	4.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg wet	4.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	8.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg wet	4.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg wet	4.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg wet	4.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg wet	4.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg wet	4.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg wet	42.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg wet	4.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	42.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg wet	42.3	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg wet	4.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-6	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-14				

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)											
100-42-5	Styrene	BRL		µg/kg wet	4.2	1	SW 846 8260B	22-Mar-07	22-Mar-07	7031291	RLJ
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	4.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	4.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg wet	4.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg wet	4.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	4.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg wet	4.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg wet	4.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg wet	8.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg wet	4.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg wet	42.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg wet	4.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg wet	4.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg wet	4.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg wet	4.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg wet	42.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg wet	84.6	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*106*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*112*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
	VOC Extraction	Field extracted		N/A		1	VOC	20-Mar-07	20-Mar-07	7031156	BD
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	25.4	1	+CT ETPH	22-Mar-07	26-Mar-07	7031283	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	25.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	25.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg	25.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg	25.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	25.4	1	"	"	"	"	"
	Unidentified	BRL		mg/kg	25.4	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	25.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg	25.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg	25.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*111*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	13.7	1	SW846 8081A	21-Mar-07	26-Mar-07	7031171	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-6 SA59464-14	301-88	Ballast	15-Mar-07 00:00	19-Mar-07

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											
319-84-6	a-BHC	BRL		µg/kg	13.7	1	SW846 8081A	21-Mar-07	26-Mar-07	7031171	TG
319-85-7	b-BHC	BRL		µg/kg	13.7	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	13.7	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	13.7	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	68.7	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg	13.7	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg	13.7	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg	13.7	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	13.7	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	13.7	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	13.7	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	13.7	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	13.7	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	13.7	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	13.7	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	13.7	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	68.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	13.7	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	13.7	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	13.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*128*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	27.5	1	SW846 8082	21-Mar-07	24-Mar-07	7031170	SM
11104-28-2	PCB 1221	BRL		µg/kg	27.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	27.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	27.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	27.5	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg	27.5	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg	27.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	27.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	27.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*		*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 3550B											
83-32-9	Acenaphthene	BRL		µg/kg	629	1	SW846 8270C	22-Mar-07	25-Mar-07	7031282	M.B
208-96-8	Acenaphthylene	BRL		µg/kg	629	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	629	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg	629	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	629	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	629	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	629	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg	629	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-6 SA59464-14	301-88	Ballast	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg	629	1	SW846 8270C	22-Mar-07	25-Mar-07	7031282	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	629	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	629	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	629	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	629	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	629	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	629	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	629	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	629	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	629	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	629	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	629	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg	629	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	629	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	629	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	629	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	629	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	629	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg	629	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	629	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg	629	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	629	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	629	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	629	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	629	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	629	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	629	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	629	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	629	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	629	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	629	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	629	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	629	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	629	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	629	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg	629	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg	629	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	629	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	629	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	629	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	629	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	629	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg	629	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	629	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	629	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	629	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	629	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	629	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	629	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	629	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FB-6	301-88	Ballast	15-Mar-07 00:00	19-Mar-07
SA59464-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg	2520	1	SW846 8270C	22-Mar-07	25-Mar-07	7031282	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	629	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	629	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	2520	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	629	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	629	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	629	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	629	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg	629	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	629	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg	629	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	629	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	629	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	629	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	629	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*48*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*19*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*39*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*28*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*49*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*28*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg	0.0293	1	SW846 7471A	26-Mar-07	26-Mar-07	7031311	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	0.943	1	EPA 200.7	26-Mar-07	26-Mar-07	7031263	LR
7440-38-2	Arsenic	BRL		mg/kg	1.41	1	"	"	"	"	"
7440-39-3	Barium	13.2		mg/kg	0.472	1	"	"	"	"	"
7440-43-9	Cadmium	0.707		mg/kg	0.236	1	"	"	"	"	"
7440-47-3	Chromium	2.82		mg/kg	0.472	1	"	"	"	"	"
7439-92-1	Lead	11.4		mg/kg	0.707	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.41	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-Mar-07	21-Mar-07	7031229	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	22-Mar-07	23-Mar-07	7031323	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0050		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	"	23-Mar-07	7031324	yp
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	23-Mar-07	7031323	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"

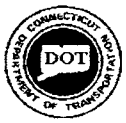
TASK 210:
SUBSURFACE SITE INVESTIGATION

New Haven Rail Yard
Temporary M-8 Acceptance Facility
New Haven, Connecticut

Volume 3

ConnDOT Assignment No. 202-3464
ConnDOT Project No. 301-88

Prepared for:



State of Connecticut
Department of Transportation
Newington, Connecticut 06131

Prepared by:

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

April 24, 2007

APPENDIX E
Railroad Tie Sample Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FT-1	301-88	Wood	15-Mar-07 00:00	19-Mar-07
SA59464-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	20-Mar-07	20-Mar-07	7031156	BD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg	387	50	SW 846 8260B	21-Mar-07	22-Mar-07	7031189	jro
67-64-1	Acetone	BRL		µg/kg	7730	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg	387	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg	387	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg	387	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg	387	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg	387	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg	387	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg	773	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg	3870	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg	387	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg	387	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg	387	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg	1930	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg	387	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg	387	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg	773	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg	387	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg	773	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg	387	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg	387	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg	773	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg	387	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg	387	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg	387	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	387	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	387	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	387	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg	773	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg	387	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg	387	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg	387	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg	387	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg	387	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg	387	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg	387	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg	387	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg	387	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg	387	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg	387	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg	387	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	387	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg	3870	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg	387	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg	387	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg	387	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	3870	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg	3870	50	"	"	"	"	"
91-20-3	Naphthalene	6,020		µg/kg	387	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FT-1	301-88	Wood	15-Mar-07 00:00	19-Mar-07
SA59464-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg	387	50	SW 846 8260B	21-Mar-07	22-Mar-07	7031189	jro
100-42-5	Styrene	BRL		µg/kg	387	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg	387	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg	387	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg	387	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg	387	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg	387	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	387	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg	387	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg	387	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg	387	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg	387	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg	387	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg	387	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg	387	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg	387	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg	773	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg	387	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg	3870	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg	387	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg	387	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg	387	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg	387	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg	3870	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg	7730	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*111*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*109*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	99.2	1	+CT ETPH	22-Mar-07	26-Mar-07	7031283	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	99.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	99.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg	99.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg	99.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	99.2	1	"	"	"	"	"
	Unidentified	11,600		mg/kg	99.2	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg	99.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	11,600		mg/kg	99.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	11,600		mg/kg	99.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*610*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A			R03								
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	40.2	1	SW846 8081A	21-Mar-07	26-Mar-07	7031171	TG

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
M8FT-1 SA59464-15	301-88	Wood	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A			R03								
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg	40.2	1	SW846 8081A	21-Mar-07	26-Mar-07	7031171	TG
319-85-7	b-BHC	BRL		µg/kg	40.2	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	40.2	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	40.2	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	201	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg	40.2	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg	40.2	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg	40.2	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	40.2	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	40.2	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	40.2	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	40.2	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	40.2	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	40.2	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	40.2	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	40.2	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	40.2	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	201	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	40.2	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	40.2	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	40.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*76*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*843*	S02	*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	80.3	1	SW846 8082	21-Mar-07	24-Mar-07	7031170	SM
11104-28-2	PCB 1221	BRL		µg/kg	80.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	80.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	80.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	80.3	1	"	"	"	"	"
11097-69-1	PCB 1254	168		µg/kg	80.3	1	"	"	"	"	"
11096-82-5	PCB 1260	164		µg/kg	80.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	80.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	80.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	29,000		µg/kg	2460	1	SW846 8270C	22-Mar-07	26-Mar-07	7031282	M.B
208-96-8	Acenaphthylene	16,900		µg/kg	2460	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	2460	1	"	"	"	"	"
120-12-7	Anthracene	282,000		µg/kg	2460	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	2460	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	2460	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	2460	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	227,000		µg/kg	2460	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FT-1	301-88	Wood	15-Mar-07 00:00	19-Mar-07
SA59464-15				

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											
50-32-8	Benzo (a) pyrene	99,300		µg/kg	2460	1	SW846 8270C	22-Mar-07	26-Mar-07	7031282	M.B
205-99-2	Benzo (b) fluoranthene	160,000		µg/kg	2460	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	34,200		µg/kg	2460	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	187,000		µg/kg	2460	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	2460	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	2460	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	2460	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	2460	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	2460	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	2460	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	2460	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	2460	1	"	"	"	"	"
86-74-8	Carbazole	152,000		µg/kg	2460	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	2460	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	2460	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	2460	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	2460	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	2460	1	"	"	"	"	"
218-01-9	Chrysene	358,000		µg/kg	2460	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	10,900		µg/kg	2460	1	"	"	"	"	"
132-64-9	Dibenzofuran	26,900		µg/kg	2460	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	2460	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	2460	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	2460	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	2460	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	2460	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	2460	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	2460	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	2460	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	2460	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	2460	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	2460	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	2460	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	2460	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	2460	1	"	"	"	"	"
206-44-0	Fluoranthene	876,000		µg/kg	2460	1	"	"	"	"	"
86-73-7	Fluorene	42,700		µg/kg	2460	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	2460	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	2460	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	2460	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	2460	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	40,400		µg/kg	2460	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	3,780		µg/kg	2460	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	2460	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	2460	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	2460	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	2460	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	2460	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	2460	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	2460	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FT-1	301-88	Wood	15-Mar-07 00:00	19-Mar-07
SA59464-15				

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											
100-01-6	4-Nitroaniline	BRL		µg/kg	9850	1	SW846 8270C	22-Mar-07	26-Mar-07	7031282	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	2460	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	2460	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	9850	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	2460	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	2460	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	2460	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	2460	1	"	"	"	"	"
85-01-8	Phenanthrene	463,000		µg/kg	2460	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	2460	1	"	"	"	"	"
129-00-0	Pyrene	640,000		µg/kg	2460	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	2460	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	2460	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	2460	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	2460	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*49*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*26*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*39*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*34*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*55*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*48*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0425		mg/kg	0.0291	1	SW846 7471A	26-Mar-07	26-Mar-07	7031311	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	0.904	1	EPA 200.7	26-Mar-07	26-Mar-07	7031263	LR
7440-38-2	Arsenic	BRL		mg/kg	1.36	1	"	"	"	"	"
7440-39-3	Barium	13.9		mg/kg	0.452	1	"	"	"	"	"
7440-43-9	Cadmium	0.714		mg/kg	0.226	1	"	"	"	"	"
7440-47-3	Chromium	2.96		mg/kg	0.452	1	"	"	"	"	"
7439-92-1	Lead	21.8		mg/kg	0.678	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.36	1	"	"	"	"	"
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	21-Mar-07	21-Mar-07	7031227	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1311/6010B	23-Mar-07	24-Mar-07	7031325	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0761		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	0.0050		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 1311/7470A	"	23-Mar-07	7031326	YP
7439-92-1	Lead	0.0244		mg/l	0.0075	1	SW846 1311/6010B	"	24-Mar-07	7031325	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FT-2	301-88	Wood	15-Mar-07 00:00	19-Mar-07
SA59464-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	20-Mar-07	20-Mar-07	7031156	BD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg	204	50	SW 846 8260B	21-Mar-07	22-Mar-07	7031189	jro
67-64-1	Acetone	BRL		µg/kg	4090	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg	204	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg	204	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg	204	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg	204	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg	204	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg	204	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg	409	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg	2040	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg	204	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg	204	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg	204	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg	1020	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg	204	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg	204	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg	409	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg	204	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg	409	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg	204	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg	204	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg	409	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg	204	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg	204	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg	204	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	204	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	204	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	204	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg	409	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg	204	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg	204	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg	204	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg	204	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg	204	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg	204	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg	204	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg	204	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg	204	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg	204	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg	204	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg	204	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	204	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg	2040	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg	204	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg	204	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg	204	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	2040	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg	2040	50	"	"	"	"	"
91-20-3	Naphthalene	5,690		µg/kg	204	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FT-2	301-88	Wood	15-Mar-07 00:00	19-Mar-07
SA59464-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg	204	50	SW 846 8260B	21-Mar-07	22-Mar-07	7031189	jro
100-42-5	Styrene	BRL		µg/kg	204	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg	204	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg	204	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg	204	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg	204	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg	204	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	204	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg	204	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg	204	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg	204	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg	204	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg	204	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg	204	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg	204	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg	204	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg	409	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg	204	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg	2040	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg	204	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg	204	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg	204	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg	204	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg	2040	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg	4090	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*110*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	89.0	1	+CT ETPH	22-Mar-07	26-Mar-07	7031283	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	89.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	89.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg	89.0	1	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg	89.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	89.0	1	"	"	"	"	"
	Unidentified	33,600		mg/kg	89.0	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	89.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	33,600		mg/kg	89.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	33,600		mg/kg	89.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*623*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A			R03								
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	41.1	1	SW846 8081A	21-Mar-07	26-Mar-07	7031171	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FT-2	301-88	Wood	15-Mar-07 00:00	19-Mar-07
SA59464-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A			R03								
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg	41.1	1	SW846 8081A	21-Mar-07	26-Mar-07	7031171	TG
319-85-7	b-BHC	BRL		µg/kg	41.1	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	41.1	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	41.1	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	205	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg	41.1	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg	41.1	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg	41.1	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	41.1	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	41.1	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	41.1	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	41.1	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	41.1	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	41.1	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	41.1	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	41.1	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	41.1	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	205	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	41.1	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	41.1	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	41.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*73*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*3203*	S02	*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	82.1	1	SW846 8082	21-Mar-07	24-Mar-07	7031170	SM
11104-28-2	PCB 1221	BRL		µg/kg	82.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	82.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	82.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	82.1	1	"	"	"	"	"
11097-69-1	PCB 1254	402		µg/kg	82.1	1	"	"	"	"	"
11096-82-5	PCB 1260	853		µg/kg	82.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	82.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	82.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*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 3550B											
83-32-9	Acenaphthene	15,300		µg/kg	2210	1	SW846 8270C	22-Mar-07	26-Mar-07	7031282	M.B
208-96-8	Acenaphthylene	10,400		µg/kg	2210	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	2210	1	"	"	"	"	"
120-12-7	Anthracene	250,000		µg/kg	2210	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	2210	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	2210	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	2210	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	137,000		µg/kg	2210	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FT-2	301-88	Wood	15-Mar-07 00:00	19-Mar-07
SA59464-16				

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											
50-32-8	Benzo (a) pyrene	54,300		µg/kg	2210	1	SW846 8270C	22-Mar-07	26-Mar-07	7031282	M.B
205-99-2	Benzo (b) fluoranthene	144,000		µg/kg	2210	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	21,100		µg/kg	2210	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	143,000		µg/kg	2210	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	2210	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	2210	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	2210	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	2210	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	2210	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	2210	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	2210	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	2210	1	"	"	"	"	"
86-74-8	Carbazole	199,000		µg/kg	2210	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	2210	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	2210	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	2210	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	2210	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	2210	1	"	"	"	"	"
218-01-9	Chrysene	449,000		µg/kg	2210	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	6,380		µg/kg	2210	1	"	"	"	"	"
132-64-9	Dibenzofuran	19,300		µg/kg	2210	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	2210	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	2210	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	2210	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	2210	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	2210	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	2210	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	2210	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	2210	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	2210	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	2210	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	2210	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	2210	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	2210	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	2210	1	"	"	"	"	"
206-44-0	Fluoranthene	369,000		µg/kg	2210	1	"	"	"	"	"
86-73-7	Fluorene	26,600		µg/kg	2210	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	2210	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	2210	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	2210	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	2210	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	24,400		µg/kg	2210	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	5,000		µg/kg	2210	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	2210	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	4,460		µg/kg	2210	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	2210	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	2210	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	2210	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	2210	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	2210	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8FT-2	301-88	Wood	15-Mar-07 00:00	19-Mar-07
SA59464-16				

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											
100-01-6	4-Nitroaniline	BRL		µg/kg	8830	1	SW846 8270C	22-Mar-07	26-Mar-07	7031282	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	2210	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	2210	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	8830	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	2210	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	2210	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	2210	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	2210	1	"	"	"	"	"
85-01-8	Phenanthrene	151,000		µg/kg	2210	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	2210	1	"	"	"	"	"
129-00-0	Pyrene	301,000		µg/kg	2210	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	2210	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	2210	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	2210	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	2210	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*54*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*37*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*44*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*39*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*57*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*51*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg	0.0300	1	SW846 7471A	26-Mar-07	26-Mar-07	7031311	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	0.887	1	EPA 200.7	26-Mar-07	26-Mar-07	7031263	LR
7440-38-2	Arsenic	BRL		mg/kg	1.33	1	"	"	"	"	"
7440-39-3	Barium	5.08		mg/kg	0.444	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg	0.222	1	"	"	"	"	"
7440-47-3	Chromium	1.76		mg/kg	0.444	1	"	"	"	"	"
7439-92-1	Lead	8.40		mg/kg	0.665	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.33	1	"	"	"	"	"
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	21-Mar-07	21-Mar-07	7031227	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1311/6010B	23-Mar-07	24-Mar-07	7031325	HB
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.105		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	0.0040		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 1311/7470A	"	23-Mar-07	7031326	YP
7439-92-1	Lead	0.0135		mg/l	0.0075	1	SW846 1311/6010B	"	24-Mar-07	7031325	HB
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"

APPENDIX F
Groundwater Sample Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-14 GW	301-88	Ground Water	19-Mar-07 00:00	20-Mar-07
SA59517-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/l	1.0	1	SW846 8260B	22-Mar-07	22-Mar-07	7031296	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	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-14 GW SA59517-13	301-88	Ground Water	19-Mar-07 00:00	20-Mar-07

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											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	22-Mar-07	22-Mar-07	7031296	ek
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*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*93*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-Mar-07	22-Mar-07	7031160	DS
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*	*93*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.0121	1	SW846 8081A	22-Mar-07	22-Mar-07	7031270	TG
319-84-6	a-BHC	BRL		µg/l	0.0121	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-14 GW	301-88	Ground Water	19-Mar-07 00:00	20-Mar-07
SA59517-13				

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											
319-85-7	b-BHC	BRL		µg/l	0.0121	1	SW846 8081A	22-Mar-07	22-Mar-07	7031270	TG
319-86-8	d-BHC	BRL		µg/l	0.0121	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.0121	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.0606	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/l	0.0121	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/l	0.0121	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/l	0.0121	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.0024	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.0121	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.0121	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.0121	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.0121	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.0121	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.0121	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.0121	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.0121	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.0606	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.0121	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.0121	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.0121	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*72*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*107*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0242	1	SW846 8082	22-Mar-07	23-Mar-07	7031271	"
11104-28-2	PCB 1221	BRL		µg/l	0.0242	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0242	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0242	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0242	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0242	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0242	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0242	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0242	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*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 3510C											
83-32-9	Acenaphthene	BRL		µg/l	1.00	1	SW846 8270C	22-Mar-07	22-Mar-07	7031272	M.B
208-96-8	Acenaphthylene	BRL		µg/l	0.400	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	1.00	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	1.00	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	1.00	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	1.00	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	1.00	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.200	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-14 GW	301-88	Ground Water	19-Mar-07 00:00	20-Mar-07
SA59517-13				

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 3510C											
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.200	1	SW846 8270C	22-Mar-07	22-Mar-07	7031272	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.200	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	1.00	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.300	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	1.00	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	1.00	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	1.00	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	1.00	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	1.00	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	1.00	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	1.00	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	1.00	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	1.00	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.200	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	1.00	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	1.00	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	1.00	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	1.00	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	1.00	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	1.00	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.600	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	1.00	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	1.00	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.200	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	1.00	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-14 GW	301-88	Ground Water	19-Mar-07 00:00	20-Mar-07
SA59517-13				

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 3510C											
98-95-3	Nitrobenzene	BRL		µg/l	1.00	1	SW846 8270C	22-Mar-07	22-Mar-07	7031272	M.B
88-75-5	2-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	1.00	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	1.00	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	1.00	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	1.00	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	1.00	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	1.00	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	1.00	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*70*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*65*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*80*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*60*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*84*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*54*		*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	"	25-Mar-07	"	"
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	0.425		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	0.762		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	0.738		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	0.650		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	0.500		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	0.912		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	0.600		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	0.350		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	0.850		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*58*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*70*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	26-Mar-07	26-Mar-07	7031413	LR
7440-38-2	Arsenic	0.0070		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0096		mg/l	0.0050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-14 GW SA59517-13	301-88	Ground Water	19-Mar-07 00:00	20-Mar-07

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	0.0048		mg/l	0.0025	1	SW846 6010B	26-Mar-07	26-Mar-07	7031413	LR
7440-47-3	Chromium	15.7		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	0.00026		mg/l	0.00020	1	EPA 245.1/7470A	26-Mar-07	27-Mar-07	7031414	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-24 GW SA59641-17	301-88	Ground Water	21-Mar-07 00:00	22-Mar-07

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 (Freon	BRL		µg/l	1.0	1	SW846 8260B	27-Mar-07	27-Mar-07	7031617	RLJ
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	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-24 GW	301-88	Ground Water	21-Mar-07 00:00	22-Mar-07
SA59641-17				

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											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	27-Mar-07	27-Mar-07	7031617	RLJ
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*	*94*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*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	26-Mar-07	28-Mar-07	7031505	DS
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*	*173*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.0114	1	SW846 8081A	26-Mar-07	26-Mar-07	7031497	TG
319-84-6	a-BHC	BRL		µg/l	0.0114	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-24 GW SA59641-17	301-88	Ground Water	21-Mar-07 00:00	22-Mar-07

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											
319-85-7	b-BHC	BRL		µg/l	0.0114	1	SW846 8081A	26-Mar-07	26-Mar-07	7031497	TG
319-86-8	d-BHC	BRL		µg/l	0.0114	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.0114	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.0571	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/l	0.0114	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/l	0.0114	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/l	0.0114	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.0023	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.0114	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.0114	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.0114	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.0114	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.0114	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.0114	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.0114	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.0114	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.0571	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.0114	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.0114	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.0114	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*56*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*99*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0229	1	SW846 8082	26-Mar-07	26-Mar-07	7031496	SM
11104-28-2	PCB 1221	BRL		µg/l	0.0229	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0229	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0229	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0229	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0229	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0229	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0229	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0229	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*		*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	1.00	1	SW846 8270C	26-Mar-07	29-Mar-07	7031499	M.B
208-96-8	Acenaphthylene	BRL		µg/l	0.400	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	1.00	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	1.00	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	1.00	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	1.00	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	1.00	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.200	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-24 GW	301-88	Ground Water	21-Mar-07 00:00	22-Mar-07
SA59641-17				

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	0.200	1	SW846 8270C	26-Mar-07	29-Mar-07	7031499	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.200	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	1.00	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.300	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	1.00	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	1.00	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	1.00	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	1.00	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	1.00	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	1.00	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	1.00	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	1.00	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	1.00	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.200	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	1.00	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	1.00	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	1.00	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	1.00	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	1.00	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	1.00	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.600	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	1.00	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	1.00	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.200	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	1.00	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-24 GW SA59641-17	301-88	Ground Water	21-Mar-07 00:00	22-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
98-95-3	Nitrobenzene	BRL		µg/l	1.00	1	SW846 8270C	26-Mar-07	29-Mar-07	7031499	M.B
88-75-5	2-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	1.00	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	1.00	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	1.00	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	1.00	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	1.00	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	1.00	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	1.00	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*74*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*75*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*68*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*67*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*93*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*60*		*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	"	28-Mar-07	"	"
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	0.271		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	0.400		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*82*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*92*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0300	1	SW846 6010B	28-Mar-07	28-Mar-07	7031677	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.276		mg/l	0.0050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-24 GW SA59641-17	301-88	Ground Water	21-Mar-07 00:00	22-Mar-07

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	28-Mar-07	28-Mar-07	7031677	HB
7440-47-3	Chromium	0.0079		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	0.00221		mg/l	0.00020	1	EPA 245.1/7470A	28-Mar-07	28-Mar-07	7031679	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-42 GW SA59803-18	301-88	Ground Water	26-Mar-07 00:00	27-Mar-07

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 (Freon	BRL		µg/l	1.0	1	SW846 8260B	29-Mar-07	29-Mar-07	7031797	RLJ
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	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-42 GW SA59803-18	301-88	Ground Water	26-Mar-07 00:00	27-Mar-07

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											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	29-Mar-07	29-Mar-07	7031797	RLJ
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*	*93*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*108*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*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	28-Mar-07	30-Mar-07	7031722	DS
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*	*90*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.0130	1	SW846 8081A	29-Mar-07	29-Mar-07	7031768	TG
319-84-6	a-BHC	BRL		µg/l	0.0130	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-42 GW SA59803-18	301-88	Ground Water	26-Mar-07 00:00	27-Mar-07

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											
319-85-7	b-BHC	BRL		µg/l	0.0130	1	SW846 8081A	29-Mar-07	29-Mar-07	7031768	TG
319-86-8	d-BHC	BRL		µg/l	0.0130	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.0130	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.0649	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/l	0.0130	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/l	0.0130	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/l	0.0130	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	Z-2	µg/l	0.0026	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.0130	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.0130	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.0130	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.0130	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.0130	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.0130	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.0130	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.0130	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.0649	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.0130	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.0130	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.0130	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*53*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*54*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0260	1	SW846 8082	29-Mar-07	29-Mar-07	7031769	SM
11104-28-2	PCB 1221	BRL		µg/l	0.0260	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0260	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0260	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0260	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0260	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0260	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0260	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0260	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*		*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	1.00	1	SW846 8270C	28-Mar-07	31-Mar-07	7031680	M.B
208-96-8	Acenaphthylene	BRL		µg/l	0.400	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	1.00	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	1.00	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	1.00	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	1.00	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	1.00	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.200	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-42 GW SA59803-18	301-88	Ground Water	26-Mar-07 00:00	27-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.200	1	SW846 8270C	28-Mar-07	31-Mar-07	7031680	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.200	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	1.00	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.300	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	1.00	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	1.00	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	1.00	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	1.00	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	1.00	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	1.00	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	1.00	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	1.00	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	1.00	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.200	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	1.00	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	1.00	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	1.00	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	1.00	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	1.00	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	1.00	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.600	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	1.00	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	1.00	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.200	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	1.00	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-42 GW	301-88	Ground Water	26-Mar-07 00:00	27-Mar-07
SA59803-18				

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											
98-95-3	Nitrobenzene	BRL		µg/l	1.00	1	SW846 8270C	28-Mar-07	31-Mar-07	7031680	M.B
88-75-5	2-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	1.00	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	1.00	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	1.00	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	1.00	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	1.00	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	1.00	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	1.00	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*69*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*76*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*82*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*75*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*96*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*54*		*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	"	29-Mar-07	"	"
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*	*82*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*83*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	30-Mar-07	02-Apr-07	7031823	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0580		mg/l	0.0050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-42 GW SA59803-18	301-88	Ground Water	26-Mar-07 00:00	27-Mar-07

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	30-Mar-07	02-Apr-07	7031823	LR
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	0.0132		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	30-Mar-07	02-Apr-07	7031824	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-50GW SA59464-19	301-88	Ground Water	15-Mar-07 00:00	19-Mar-07

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 (Freo	BRL		µg/l	1.0	1	SW846 8260B	21-Mar-07	21-Mar-07	7031185	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	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-50GW SA59464-19	301-88	Ground Water	15-Mar-07 00:00	19-Mar-07

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											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	21-Mar-07	21-Mar-07	7031185	ek
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*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*95*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-Mar-07	22-Mar-07	7031160	DS
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*	*94*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.0143	1	SW846 8081A	20-Mar-07	22-Mar-07	7031064	TG
319-84-6	a-BHC	BRL		µg/l	0.0143	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-50GW	301-88	Ground Water	15-Mar-07 00:00	19-Mar-07
SA59464-19				

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											
319-85-7	b-BHC	BRL		µg/l	0.0143	1	SW846 8081A	20-Mar-07	22-Mar-07	7031064	TG
319-86-8	d-BHC	BRL		µg/l	0.0143	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.0143	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.0714	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/l	0.0143	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/l	0.0143	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/l	0.0143	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.0029	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.0143	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.0143	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.0143	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.0143	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.0143	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.0143	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.0143	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.0143	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.0714	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.0143	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.0143	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.0143	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*94*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*93*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0286	1	SW846 8082	20-Mar-07	23-Mar-07	7031063	"
11104-28-2	PCB 1221	BRL		µg/l	0.0286	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0286	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0286	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0286	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0286	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0286	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0286	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0286	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*		*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 3510C											
83-32-9	Acenaphthene	BRL		µg/l	1.00	1	SW846 8270C	20-Mar-07	23-Mar-07	7031070	M.B
208-96-8	Acenaphthylene	BRL		µg/l	0.400	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	1.00	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	1.00	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	1.00	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	1.00	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	1.00	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.200	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-50GW SA59464-19	301-88	Ground Water	15-Mar-07 00:00	19-Mar-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.200	1	SW846 8270C	20-Mar-07	23-Mar-07	7031070	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.200	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	1.00	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.300	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	1.00	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	1.00	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	1.00	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	1.00	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	1.00	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	1.00	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	1.00	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	1.00	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	1.00	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.200	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	1.00	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	1.00	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	1.00	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	1.00	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	1.00	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	1.00	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.600	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	1.00	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	1.00	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.200	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	1.00	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-50GW	301-88	Ground Water	15-Mar-07 00:00	19-Mar-07
SA59464-19				

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	1.00	1	SW846 8270C	20-Mar-07	23-Mar-07	7031070	M.B
88-75-5	2-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	1.00	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	1.00	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	1.00	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	1.00	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	1.00	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	1.00	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	1.00	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*59*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*53*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*67*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*65*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*74*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*44*		*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	"	25-Mar-07	"	"
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*	*50*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*66*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	23-Mar-07	24-Mar-07	7031315	LR
7440-38-2	Arsenic	0.0062		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0322		mg/l	0.0050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
M8F-50GW SA59464-19	301-88	Ground Water	15-Mar-07 00:00	19-Mar-07

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	23-Mar-07	24-Mar-07	7031315	LR
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	0.0120		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	23-Mar-07	23-Mar-07	7031316	RM

APPENDIX G
QA/QC Sample
Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	301-88	Blank Water	15-Mar-07 00:00	19-Mar-07
SA59464-17				

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											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/l	1.0	1	SW846 8260B	21-Mar-07	21-Mar-07	7031185	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	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	301-88	Blank Water	15-Mar-07 00:00	19-Mar-07
SA59464-17				

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											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	21-Mar-07	21-Mar-07	7031185	ek
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*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*96*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-Mar-07	22-Mar-07	7031160	DS
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*	*88*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.0121	1	SW846 8081A	20-Mar-07	22-Mar-07	7031064	TG
319-84-6	a-BHC	BRL		µg/l	0.0121	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	301-88	Blank Water	15-Mar-07 00:00	19-Mar-07
SA59464-17				

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											
319-85-7	b-BHC	BRL		µg/l	0.0121	1	SW846 8081A	20-Mar-07	22-Mar-07	7031064	TG
319-86-8	d-BHC	BRL		µg/l	0.0121	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.0121	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.0606	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/l	0.0121	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/l	0.0121	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/l	0.0121	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.0024	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.0121	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.0121	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.0121	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.0121	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.0121	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.0121	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.0121	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.0121	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.0606	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.0121	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.0121	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.0121	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*97*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*81*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0242	1	SW846 8082	20-Mar-07	23-Mar-07	7031063	"
11104-28-2	PCB 1221	BRL		µg/l	0.0242	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0242	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0242	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0242	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0242	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0242	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0242	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0242	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*		*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	1.00	1	SW846 8270C	20-Mar-07	23-Mar-07	7031070	M.B
208-96-8	Acenaphthylene	BRL		µg/l	0.400	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	1.00	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	1.00	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	1.00	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	1.00	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	1.00	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.200	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	301-88	Blank Water	15-Mar-07 00:00	19-Mar-07
SA59464-17				

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	0.200	1	SW846 8270C	20-Mar-07	23-Mar-07	7031070	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.200	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	1.00	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.300	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	1.00	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	1.00	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	1.00	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	1.00	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	1.00	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	1.00	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	1.00	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	1.00	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	1.00	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.200	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	1.00	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	1.00	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	1.00	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	1.00	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	1.00	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	1.00	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.600	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	1.00	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	1.00	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.200	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	1.00	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	301-88	Blank Water	15-Mar-07 00:00	19-Mar-07
SA59464-17				

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											
98-95-3	Nitrobenzene	BRL		µg/l	1.00	1	SW846 8270C	20-Mar-07	23-Mar-07	7031070	M.B
88-75-5	2-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	1.00	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	1.00	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	1.00	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	1.00	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	1.00	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	1.00	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	1.00	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*69*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*70*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*83*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*63*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*85*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*52*		*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	"	25-Mar-07	"	"
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*	*61*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*76*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	23-Mar-07	24-Mar-07	7031315	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	26-Mar-07	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	24-Mar-07	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	301-88	Blank Water	15-Mar-07 00:00	19-Mar-07
SA59464-17				

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	23-Mar-07	24-Mar-07	7031315	LR
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	23-Mar-07	23-Mar-07	7031316	RM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1	301-88	Blank Water	15-Mar-07 00:00	19-Mar-07
SA59464-18				

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 (Freon	BRL		µg/l	1.0	1	SW846 8260B	21-Mar-07	21-Mar-07	7031185	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	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1 SA59464-18	301-88	Blank Water	15-Mar-07 00:00	19-Mar-07

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											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	21-Mar-07	21-Mar-07	7031185	ek
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*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*95*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031185 - SW846 5030 Water MS										
Blank (7031185-BLK1)										
Prepared & Analyzed: 21-Mar-07										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031185 - SW846 5030 Water MS										
Blank (7031185-BLK1)										
Prepared & Analyzed: 21-Mar-07										
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
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	*49.5*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*50.8*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.8*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*50.8*		µg/l		*50.0*		*102*	*70-130*		
LCS (7031185-BS1)										
Prepared & Analyzed: 21-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.9		µg/l		20.0		110	70-130		
Acetone	21.5		µg/l		20.0		108	41.1-147		
Acrylonitrile	17.6		µg/l		20.0		88	70-130		
Benzene	21.1		µg/l		20.0		106	70-130		
Bromobenzene	22.0		µg/l		20.0		110	70-130		
Bromochloromethane	20.5		µg/l		20.0		102	70-130		
Bromodichloromethane	20.5		µg/l		20.0		102	70-130		
Bromoform	21.0		µg/l		20.0		105	70-130		
Bromomethane	20.4		µg/l		20.0		102	57.7-151		
2-Butanone (MEK)	17.0		µg/l		20.0		85	48.9-134		
n-Butylbenzene	20.4		µg/l		20.0		102	70-130		
sec-Butylbenzene	22.9		µg/l		20.0		114	70-130		
tert-Butylbenzene	22.8		µg/l		20.0		114	70-130		
Carbon disulfide	18.6		µg/l		20.0		93	70-130		
Carbon tetrachloride	23.0		µg/l		20.0		115	70-130		
Chlorobenzene	21.5		µg/l		20.0		108	70-130		
Chloroethane	19.5		µg/l		20.0		98	56.9-145		
Chloroform	20.0		µg/l		20.0		100	70-130		
Chloromethane	20.1		µg/l		20.0		100	70-130		
2-Chlorotoluene	21.5		µg/l		20.0		108	70-130		
4-Chlorotoluene	21.5		µg/l		20.0		108	70-130		
1,2-Dibromo-3-chloropropane	17.6		µg/l		20.0		88	70-130		
Dibromochloromethane	21.6		µg/l		20.0		108	61.5-142		
1,2-Dibromoethane (EDB)	20.6		µg/l		20.0		103	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031185 - SW846 5030 Water MS										
LCS (7031185-BS1)										
Prepared & Analyzed: 21-Mar-07										
Dibromomethane	19.4		µg/l		20.0		97	70-130		
1,2-Dichlorobenzene	20.5		µg/l		20.0		102	70-130		
1,3-Dichlorobenzene	22.4		µg/l		20.0		112	70-130		
1,4-Dichlorobenzene	19.8		µg/l		20.0		99	70-130		
Dichlorodifluoromethane (Freon12)	21.3		µg/l		20.0		106	36.6-187		
1,1-Dichloroethane	20.6		µg/l		20.0		103	70-130		
1,2-Dichloroethane	19.2		µg/l		20.0		96	70-130		
1,1-Dichloroethene	18.6		µg/l		20.0		93	70-130		
cis-1,2-Dichloroethene	21.7		µg/l		20.0		108	70-130		
trans-1,2-Dichloroethene	20.0		µg/l		20.0		100	70-130		
1,2-Dichloropropane	20.9		µg/l		20.0		104	70-130		
1,3-Dichloropropane	19.9		µg/l		20.0		100	70-130		
2,2-Dichloropropane	27.3	QC1	µg/l		20.0		136	70-130		
1,1-Dichloropropene	20.6		µg/l		20.0		103	70-130		
cis-1,3-Dichloropropene	21.4		µg/l		20.0		107	70-130		
trans-1,3-Dichloropropene	19.1		µg/l		20.0		96	70-130		
Ethylbenzene	21.7		µg/l		20.0		108	70-130		
Hexachlorobutadiene	23.2		µg/l		20.0		116	68.7-142		
2-Hexanone (MBK)	19.0		µg/l		20.0		95	56.3-131		
Isopropylbenzene	21.1		µg/l		20.0		106	70-130		
4-Isopropyltoluene	21.3		µg/l		20.0		106	70-130		
Methyl tert-butyl ether	19.5		µg/l		20.0		98	70-130		
4-Methyl-2-pentanone (MIBK)	18.4		µg/l		20.0		92	55.2-129		
Methylene chloride	19.1		µg/l		20.0		96	70-130		
Naphthalene	17.9		µg/l		20.0		90	70-130		
n-Propylbenzene	21.3		µg/l		20.0		106	70-130		
Styrene	21.9		µg/l		20.0		110	70-130		
1,1,1,2-Tetrachloroethane	24.5		µg/l		20.0		122	70-130		
1,1,2,2-Tetrachloroethane	20.1		µg/l		20.0		100	70-130		
Tetrachloroethene	21.6		µg/l		20.0		108	70-130		
Toluene	20.5		µg/l		20.0		102	70-130		
1,2,3-Trichlorobenzene	16.0		µg/l		20.0		80	70-130		
1,2,4-Trichlorobenzene	21.2		µg/l		20.0		106	70-130		
1,1,1-Trichloroethane	21.1		µg/l		20.0		106	70-130		
1,1,2-Trichloroethane	20.2		µg/l		20.0		101	70-130		
Trichloroethene	20.5		µg/l		20.0		102	70-130		
Trichlorofluoromethane (Freon 11)	20.4		µg/l		20.0		102	68-148		
1,2,3-Trichloropropane	22.1		µg/l		20.0		110	70-130		
1,2,4-Trimethylbenzene	22.7		µg/l		20.0		114	70-130		
1,3,5-Trimethylbenzene	22.6		µg/l		20.0		113	70-130		
Vinyl chloride	22.4		µg/l		20.0		112	70-130		
m,p-Xylene	44.4		µg/l		40.0		111	70-130		
o-Xylene	22.7		µg/l		20.0		114	70-130		
Tetrahydrofuran	18.2		µg/l		20.0		91	70-130		
Ethyl ether	18.2		µg/l		20.0		91	57.6-132		
Tert-amyl methyl ether	21.5		µg/l		20.0		108	70-130		
Ethyl tert-butyl ether	21.6		µg/l		20.0		108	70-130		
Di-isopropyl ether	20.7		µg/l		20.0		104	70-130		
Tert-Butanol / butyl alcohol	162		µg/l		200		81	70-130		
1,4-Dioxane	193		µg/l		200		96	45.2-132		
Surrogate: 4-Bromofluorobenzene	*53.5*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*49.4*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.8*		µg/l		*50.0*		*92*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031185 - SW846 5030 Water MS										
LCS (7031185-BS1)										
Prepared & Analyzed: 21-Mar-07										
Surrogate: Dibromofluoromethane	*50.0*		µg/l		*50.0*		*100*	*70-130*		
LCS Dup (7031185-BSD1)										
Prepared & Analyzed: 21-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.3		µg/l		20.0		96	70-130	14	25
Acetone	18.2		µg/l		20.0		91	41.1-147	17	50
Acrylonitrile	17.3		µg/l		20.0		86	70-130	2	25
Benzene	19.6		µg/l		20.0		98	70-130	8	25
Bromobenzene	20.6		µg/l		20.0		103	70-130	7	25
Bromochloromethane	19.4		µg/l		20.0		97	70-130	5	25
Bromodichloromethane	19.7		µg/l		20.0		98	70-130	4	25
Bromoform	20.2		µg/l		20.0		101	70-130	4	25
Bromomethane	19.5		µg/l		20.0		98	57.7-151	4	50
2-Butanone (MEK)	15.3		µg/l		20.0		76	48.9-134	11	50
n-Butylbenzene	19.7		µg/l		20.0		98	70-130	4	25
sec-Butylbenzene	21.9		µg/l		20.0		110	70-130	4	25
tert-Butylbenzene	22.0		µg/l		20.0		110	70-130	4	25
Carbon disulfide	16.0		µg/l		20.0		80	70-130	15	25
Carbon tetrachloride	20.5		µg/l		20.0		102	70-130	12	25
Chlorobenzene	19.9		µg/l		20.0		100	70-130	8	25
Chloroethane	17.3		µg/l		20.0		86	56.9-145	13	50
Chloroform	19.1		µg/l		20.0		96	70-130	4	25
Chloromethane	18.8		µg/l		20.0		94	70-130	6	25
2-Chlorotoluene	20.0		µg/l		20.0		100	70-130	8	25
4-Chlorotoluene	20.2		µg/l		20.0		101	70-130	7	25
1,2-Dibromo-3-chloropropane	17.6		µg/l		20.0		88	70-130	0	25
Dibromochloromethane	21.2		µg/l		20.0		106	61.5-142	2	50
1,2-Dibromoethane (EDB)	20.3		µg/l		20.0		102	70-130	1	25
Dibromomethane	18.8		µg/l		20.0		94	70-130	3	25
1,2-Dichlorobenzene	19.6		µg/l		20.0		98	70-130	4	25
1,3-Dichlorobenzene	21.0		µg/l		20.0		105	70-130	6	25
1,4-Dichlorobenzene	18.4		µg/l		20.0		92	70-130	7	25
Dichlorodifluoromethane (Freon12)	19.1		µg/l		20.0		96	36.6-187	10	50
1,1-Dichloroethane	19.5		µg/l		20.0		98	70-130	5	25
1,2-Dichloroethane	18.8		µg/l		20.0		94	70-130	2	25
1,1-Dichloroethene	17.1		µg/l		20.0		86	70-130	8	25
cis-1,2-Dichloroethene	20.2		µg/l		20.0		101	70-130	7	25
trans-1,2-Dichloroethene	18.2		µg/l		20.0		91	70-130	9	25
1,2-Dichloropropane	19.9		µg/l		20.0		100	70-130	4	25
1,3-Dichloropropane	19.6		µg/l		20.0		98	70-130	2	25
2,2-Dichloropropane	24.6		µg/l		20.0		123	70-130	10	25
1,1-Dichloropropene	18.3		µg/l		20.0		92	70-130	11	25
cis-1,3-Dichloropropene	20.3		µg/l		20.0		102	70-130	5	25
trans-1,3-Dichloropropene	18.4		µg/l		20.0		92	70-130	4	25
Ethylbenzene	19.9		µg/l		20.0		100	70-130	8	25
Hexachlorobutadiene	20.7		µg/l		20.0		104	68.7-142	11	50
2-Hexanone (MBK)	18.6		µg/l		20.0		93	56.3-131	2	25
Isopropylbenzene	19.6		µg/l		20.0		98	70-130	8	25
4-Isopropyltoluene	20.9		µg/l		20.0		104	70-130	2	25
Methyl tert-butyl ether	19.1		µg/l		20.0		96	70-130	2	25
4-Methyl-2-pentanone (MIBK)	18.1		µg/l		20.0		90	55.2-129	2	50
Methylene chloride	18.2		µg/l		20.0		91	70-130	5	25
Naphthalene	16.5		µg/l		20.0		82	70-130	9	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031185 - SW846 5030 Water MS										
LCS Dup (7031185-BSD1)										
Prepared & Analyzed: 21-Mar-07										
n-Propylbenzene	20.0		µg/l		20.0		100	70-130	6	25
Styrene	20.3		µg/l		20.0		102	70-130	8	25
1,1,1,2-Tetrachloroethane	22.2		µg/l		20.0		111	70-130	9	25
1,1,2,2-Tetrachloroethane	19.5		µg/l		20.0		98	70-130	2	25
Tetrachloroethene	19.2		µg/l		20.0		96	70-130	12	25
Toluene	19.0		µg/l		20.0		95	70-130	7	25
1,2,3-Trichlorobenzene	14.7		µg/l		20.0		74	70-130	8	25
1,2,4-Trichlorobenzene	20.1		µg/l		20.0		100	70-130	6	25
1,1,1-Trichloroethane	19.1		µg/l		20.0		96	70-130	10	25
1,1,2-Trichloroethane	19.7		µg/l		20.0		98	70-130	3	25
Trichloroethene	18.7		µg/l		20.0		94	70-130	8	25
Trichlorofluoromethane (Freon 11)	18.0		µg/l		20.0		90	68-148	12	50
1,2,3-Trichloropropane	21.1		µg/l		20.0		106	70-130	4	25
1,2,4-Trimethylbenzene	21.9		µg/l		20.0		110	70-130	4	25
1,3,5-Trimethylbenzene	21.2		µg/l		20.0		106	70-130	6	25
Vinyl chloride	19.8		µg/l		20.0		99	70-130	12	25
m,p-Xylene	41.4		µg/l		40.0		104	70-130	7	25
o-Xylene	21.6		µg/l		20.0		108	70-130	5	25
Tetrahydrofuran	17.9		µg/l		20.0		90	70-130	1	25
Ethyl ether	18.1		µg/l		20.0		90	57.6-132	1	50
Tert-amyl methyl ether	20.8		µg/l		20.0		104	70-130	4	25
Ethyl tert-butyl ether	21.2		µg/l		20.0		106	70-130	2	25
Di-isopropyl ether	20.1		µg/l		20.0		100	70-130	4	25
Tert-Butanol / butyl alcohol	162		µg/l		200		81	70-130	0	25
1,4-Dioxane	179		µg/l		200		90	45.2-132	6	25
Surrogate: 4-Bromofluorobenzene	*52.1*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*49.9*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.9*		µg/l		*50.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Matrix Spike (7031185-MS1) **Source: SA59470-01**										
Prepared & Analyzed: 21-Mar-07										
Benzene	23.3		µg/l		20.0	BRL	116	70-130		
Chlorobenzene	24.8		µg/l		20.0	BRL	124	70-130		
1,1-Dichloroethene	21.5		µg/l		20.0	BRL	108	70-130		
Toluene	23.5		µg/l		20.0	BRL	118	70-130		
Trichloroethene	22.3		µg/l		20.0	BRL	112	70-130		
Surrogate: 4-Bromofluorobenzene	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.4*		µg/l		*50.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*49.5*		µg/l		*50.0*		*99*	*70-130*		
Matrix Spike Dup (7031185-MSD1) **Source: SA59470-01**										
Prepared & Analyzed: 21-Mar-07										
Benzene	23.7		µg/l		20.0	BRL	118	70-130	2	30
Chlorobenzene	24.7		µg/l		20.0	BRL	124	70-130	0	30
1,1-Dichloroethene	21.7		µg/l		20.0	BRL	108	70-130	0	30
Toluene	23.5		µg/l		20.0	BRL	118	70-130	0	30
Trichloroethene	22.3		µg/l		20.0	BRL	112	70-130	0	30
Surrogate: 4-Bromofluorobenzene	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.4*		µg/l		*50.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Batch 7031189 - SW846 5030 Soil (high level)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031189 - SW846 5030 Soil (high level)										
Blank (7031189-BLK1)										
Prepared & Analyzed: 21-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg	1.0						
Acetone	BRL		µg/kg	20.0						
Acrylonitrile	BRL		µg/kg	1.0						
Benzene	BRL		µg/kg	1.0						
Bromobenzene	BRL		µg/kg	1.0						
Bromochloromethane	BRL		µg/kg	1.0						
Bromodichloromethane	BRL		µg/kg	1.0						
Bromoform	BRL		µg/kg	1.0						
Bromomethane	BRL		µg/kg	2.0						
2-Butanone (MEK)	BRL		µg/kg	10.0						
n-Butylbenzene	BRL		µg/kg	1.0						
sec-Butylbenzene	BRL		µg/kg	1.0						
tert-Butylbenzene	BRL		µg/kg	1.0						
Carbon disulfide	BRL		µg/kg	5.0						
Carbon tetrachloride	BRL		µg/kg	1.0						
Chlorobenzene	BRL		µg/kg	1.0						
Chloroethane	BRL		µg/kg	2.0						
Chloroform	BRL		µg/kg	1.0						
Chloromethane	BRL		µg/kg	2.0						
2-Chlorotoluene	BRL		µg/kg	1.0						
4-Chlorotoluene	BRL		µg/kg	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg	2.0						
Dibromochloromethane	BRL		µg/kg	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg	1.0						
Dibromomethane	BRL		µg/kg	1.0						
1,2-Dichlorobenzene	BRL		µg/kg	1.0						
1,3-Dichlorobenzene	BRL		µg/kg	1.0						
1,4-Dichlorobenzene	BRL		µg/kg	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg	2.0						
1,1-Dichloroethane	BRL		µg/kg	1.0						
1,2-Dichloroethane	BRL		µg/kg	1.0						
1,1-Dichloroethene	BRL		µg/kg	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg	1.0						
1,2-Dichloropropane	BRL		µg/kg	1.0						
1,3-Dichloropropane	BRL		µg/kg	1.0						
2,2-Dichloropropane	BRL		µg/kg	1.0						
1,1-Dichloropropene	BRL		µg/kg	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg	1.0						
Ethylbenzene	BRL		µg/kg	1.0						
Hexachlorobutadiene	BRL		µg/kg	1.0						
2-Hexanone (MBK)	BRL		µg/kg	10.0						
Isopropylbenzene	BRL		µg/kg	1.0						
4-Isopropyltoluene	BRL		µg/kg	1.0						
Methyl tert-butyl ether	BRL		µg/kg	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	10.0						
Methylene chloride	BRL		µg/kg	10.0						
Naphthalene	BRL		µg/kg	1.0						
n-Propylbenzene	BRL		µg/kg	1.0						
Styrene	BRL		µg/kg	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031189 - SW846 5030 Soil (high level)										
Blank (7031189-BLK1)										
Prepared & Analyzed: 21-Mar-07										
Tetrachloroethene	BRL		µg/kg	1.0						
Toluene	BRL		µg/kg	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg	1.0						
1,1,1-Trichloroethane	BRL		µg/kg	1.0						
1,1,2-Trichloroethane	BRL		µg/kg	1.0						
Trichloroethene	BRL		µg/kg	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg	1.0						
1,2,3-Trichloropropane	BRL		µg/kg	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg	1.0						
Vinyl chloride	BRL		µg/kg	1.0						
m,p-Xylene	BRL		µg/kg	2.0						
o-Xylene	BRL		µg/kg	1.0						
Tetrahydrofuran	BRL		µg/kg	10.0						
Ethyl ether	BRL		µg/kg	1.0						
Tert-amyl methyl ether	BRL		µg/kg	1.0						
Ethyl tert-butyl ether	BRL		µg/kg	1.0						
Di-isopropyl ether	BRL		µg/kg	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg	10.0						
1,4-Dioxane	BRL		µg/kg	20.0						
Fluorobenzene	30.0		µg/kg		30.0		84.1	50-200		
Chlorobenzene-d5	30.0		µg/kg		30.0		76.5	50-200		
1,4-Dichlorobenzene-d4	30.0		µg/kg		30.0		85	50-200		
Surrogate: 4-Bromofluorobenzene	*32.2*		µg/kg		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/kg		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.8*		µg/kg		*30.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*30.4*		µg/kg		*30.0*		*101*	*70-130*		
LCS (7031189-BS1)										
Prepared & Analyzed: 21-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.7		µg/kg		20.0		104	70-130		
Acetone	21.6		µg/kg		20.0		108	3.31-159		
Acrylonitrile	23.1		µg/kg		20.0		116	70-130		
Benzene	18.8		µg/kg		20.0		94	70-130		
Bromobenzene	21.6		µg/kg		20.0		108	70-130		
Bromochloromethane	20.2		µg/kg		20.0		101	70-130		
Bromodichloromethane	20.8		µg/kg		20.0		104	70-130		
Bromoform	23.0		µg/kg		20.0		115	70-130		
Bromomethane	19.1		µg/kg		20.0		96	50-140		
2-Butanone (MEK)	20.6		µg/kg		20.0		103	47.7-127		
n-Butylbenzene	19.3		µg/kg		20.0		96	70-130		
sec-Butylbenzene	19.7		µg/kg		20.0		98	70-130		
tert-Butylbenzene	20.3		µg/kg		20.0		102	70-130		
Carbon disulfide	20.8		µg/kg		20.0		104	70-130		
Carbon tetrachloride	19.1		µg/kg		20.0		96	70-130		
Chlorobenzene	20.8		µg/kg		20.0		104	70-130		
Chloroethane	19.9		µg/kg		20.0		100	55.9-135		
Chloroform	20.9		µg/kg		20.0		104	70-130		
Chloromethane	19.9		µg/kg		20.0		100	70-130		
2-Chlorotoluene	20.3		µg/kg		20.0		102	70-130		
4-Chlorotoluene	20.4		µg/kg		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	21.0		µg/kg		20.0		105	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031189 - SW846 5030 Soil (high level)										
LCS (7031189-BS1)										
Prepared & Analyzed: 21-Mar-07										
Dibromochloromethane	20.5		µg/kg		20.0		102	72-125		
1,2-Dibromoethane (EDB)	21.5		µg/kg		20.0		108	70-130		
Dibromomethane	21.2		µg/kg		20.0		106	70-130		
1,2-Dichlorobenzene	20.4		µg/kg		20.0		102	70-130		
1,3-Dichlorobenzene	20.5		µg/kg		20.0		102	70-130		
1,4-Dichlorobenzene	20.1		µg/kg		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	20.2		µg/kg		20.0		101	42.3-190		
1,1-Dichloroethane	18.7		µg/kg		20.0		94	70-130		
1,2-Dichloroethane	20.9		µg/kg		20.0		104	70-130		
1,1-Dichloroethene	17.6		µg/kg		20.0		88	70-130		
cis-1,2-Dichloroethene	20.0		µg/kg		20.0		100	70-130		
trans-1,2-Dichloroethene	18.4		µg/kg		20.0		92	70-130		
1,2-Dichloropropane	19.9		µg/kg		20.0		100	70-130		
1,3-Dichloropropane	19.9		µg/kg		20.0		100	70-130		
2,2-Dichloropropane	17.3		µg/kg		20.0		86	70-130		
1,1-Dichloropropene	18.6		µg/kg		20.0		93	70-130		
cis-1,3-Dichloropropene	20.1		µg/kg		20.0		100	70-130		
trans-1,3-Dichloropropene	20.1		µg/kg		20.0		100	70-130		
Ethylbenzene	20.1		µg/kg		20.0		100	70-130		
Hexachlorobutadiene	20.3		µg/kg		20.0		102	70-137		
2-Hexanone (MBK)	21.7		µg/kg		20.0		108	70-130		
Isopropylbenzene	19.2		µg/kg		20.0		96	70-130		
4-Isopropyltoluene	20.3		µg/kg		20.0		102	70-130		
Methyl tert-butyl ether	22.3		µg/kg		20.0		112	70-130		
4-Methyl-2-pentanone (MIBK)	19.6		µg/kg		20.0		98	48.5-127		
Methylene chloride	19.0		µg/kg		20.0		95	70-130		
Naphthalene	19.0		µg/kg		20.0		95	70-130		
n-Propylbenzene	19.2		µg/kg		20.0		96	70-130		
Styrene	21.7		µg/kg		20.0		108	70-130		
1,1,1,2-Tetrachloroethane	22.6		µg/kg		20.0		113	70-130		
1,1,2,2-Tetrachloroethane	22.5		µg/kg		20.0		112	70-130		
Tetrachloroethene	19.0		µg/kg		20.0		95	70-130		
Toluene	18.5		µg/kg		20.0		92	70-130		
1,2,3-Trichlorobenzene	22.5		µg/kg		20.0		112	70-130		
1,2,4-Trichlorobenzene	20.2		µg/kg		20.0		101	70-130		
1,1,1-Trichloroethane	19.3		µg/kg		20.0		96	70-130		
1,1,2-Trichloroethane	21.8		µg/kg		20.0		109	70-130		
Trichloroethene	19.1		µg/kg		20.0		96	70-130		
Trichlorofluoromethane (Freon 11)	19.3		µg/kg		20.0		96	66.5-144		
1,2,3-Trichloropropane	25.1		µg/kg		20.0		126	70-130		
1,2,4-Trimethylbenzene	20.7		µg/kg		20.0		104	70-130		
1,3,5-Trimethylbenzene	20.4		µg/kg		20.0		102	70-130		
Vinyl chloride	19.1		µg/kg		20.0		96	70-130		
m,p-Xylene	40.1		µg/kg		40.0		100	70-130		
o-Xylene	21.1		µg/kg		20.0		106	70-130		
Tetrahydrofuran	23.6		µg/kg		20.0		118	70-130		
Ethyl ether	20.9		µg/kg		20.0		104	64.9-123		
Tert-amyl methyl ether	22.0		µg/kg		20.0		110	70-130		
Ethyl tert-butyl ether	21.9		µg/kg		20.0		110	70-130		
Di-isopropyl ether	21.1		µg/kg		20.0		106	70-130		
Tert-Butanol / butyl alcohol	200		µg/kg		200		100	70-130		
1,4-Dioxane	199		µg/kg		200		100	40-134		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031189 - SW846 5030 Soil (high level)										
LCS (7031189-BS1)										
Prepared & Analyzed: 21-Mar-07										
Fluorobenzene	30.0		µg/kg		30.0		105	50-200		
Chlorobenzene-d5	30.0		µg/kg		30.0		99.6	50-200		
1,4-Dichlorobenzene-d4	30.0		µg/kg		30.0		98.3	50-200		
Surrogate: 4-Bromofluorobenzene	*32.2*		µg/kg		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*29.6*		µg/kg		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.6*		µg/kg		*30.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*30.6*		µg/kg		*30.0*		*102*	*70-130*		
LCS Dup (7031189-BSD1)										
Prepared & Analyzed: 21-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.6		µg/kg		20.0		98	70-130	6	25
Acetone	19.5		µg/kg		20.0		98	3.31-159	10	50
Acrylonitrile	21.6		µg/kg		20.0		108	70-130	7	25
Benzene	18.2		µg/kg		20.0		91	70-130	3	25
Bromobenzene	20.0		µg/kg		20.0		100	70-130	8	25
Bromochloromethane	19.1		µg/kg		20.0		96	70-130	5	25
Bromodichloromethane	20.2		µg/kg		20.0		101	70-130	3	25
Bromoform	22.5		µg/kg		20.0		112	70-130	3	25
Bromomethane	19.4		µg/kg		20.0		97	50-140	1	50
2-Butanone (MEK)	16.8		µg/kg		20.0		84	47.7-127	20	50
n-Butylbenzene	17.9		µg/kg		20.0		90	70-130	6	25
sec-Butylbenzene	18.7		µg/kg		20.0		94	70-130	4	25
tert-Butylbenzene	19.4		µg/kg		20.0		97	70-130	5	25
Carbon disulfide	20.2		µg/kg		20.0		101	70-130	3	25
Carbon tetrachloride	18.1		µg/kg		20.0		90	70-130	6	25
Chlorobenzene	19.0		µg/kg		20.0		95	70-130	9	25
Chloroethane	18.9		µg/kg		20.0		94	55.9-135	6	50
Chloroform	19.7		µg/kg		20.0		98	70-130	6	25
Chloromethane	19.1		µg/kg		20.0		96	70-130	4	25
2-Chlorotoluene	18.4		µg/kg		20.0		92	70-130	10	25
4-Chlorotoluene	19.8		µg/kg		20.0		99	70-130	3	25
1,2-Dibromo-3-chloropropane	20.6		µg/kg		20.0		103	70-130	2	25
Dibromochloromethane	19.8		µg/kg		20.0		99	72-125	3	50
1,2-Dibromoethane (EDB)	20.9		µg/kg		20.0		104	70-130	4	25
Dibromomethane	20.4		µg/kg		20.0		102	70-130	4	25
1,2-Dichlorobenzene	18.7		µg/kg		20.0		94	70-130	8	25
1,3-Dichlorobenzene	19.7		µg/kg		20.0		98	70-130	4	25
1,4-Dichlorobenzene	19.0		µg/kg		20.0		95	70-130	5	25
Dichlorodifluoromethane (Freon12)	18.5		µg/kg		20.0		92	42.3-190	9	50
1,1-Dichloroethane	18.3		µg/kg		20.0		92	70-130	2	25
1,2-Dichloroethane	19.9		µg/kg		20.0		100	70-130	4	25
1,1-Dichloroethene	17.4		µg/kg		20.0		87	70-130	1	25
cis-1,2-Dichloroethene	19.0		µg/kg		20.0		95	70-130	5	25
trans-1,2-Dichloroethene	17.9		µg/kg		20.0		90	70-130	2	25
1,2-Dichloropropane	19.1		µg/kg		20.0		96	70-130	4	25
1,3-Dichloropropane	18.6		µg/kg		20.0		93	70-130	7	25
2,2-Dichloropropane	16.3		µg/kg		20.0		82	70-130	5	25
1,1-Dichloropropene	18.3		µg/kg		20.0		92	70-130	1	25
cis-1,3-Dichloropropene	19.2		µg/kg		20.0		96	70-130	4	25
trans-1,3-Dichloropropene	19.7		µg/kg		20.0		98	70-130	2	25
Ethylbenzene	19.2		µg/kg		20.0		96	70-130	4	25
Hexachlorobutadiene	19.6		µg/kg		20.0		98	70-137	4	50
2-Hexanone (MBK)	21.3		µg/kg		20.0		106	70-130	2	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031189 - SW846 5030 Soil (high level)										
LCS Dup (7031189-BSD1)										
Prepared & Analyzed: 21-Mar-07										
Isopropylbenzene	18.3		µg/kg		20.0		92	70-130	4	25
4-Isopropyltoluene	19.3		µg/kg		20.0		96	70-130	6	25
Methyl tert-butyl ether	21.0		µg/kg		20.0		105	70-130	6	25
4-Methyl-2-pentanone (MIBK)	19.2		µg/kg		20.0		96	48.5-127	2	50
Methylene chloride	18.0		µg/kg		20.0		90	70-130	5	25
Naphthalene	17.5		µg/kg		20.0		88	70-130	8	25
n-Propylbenzene	19.1		µg/kg		20.0		96	70-130	0	25
Styrene	21.0		µg/kg		20.0		105	70-130	3	25
1,1,1,2-Tetrachloroethane	21.3		µg/kg		20.0		106	70-130	6	25
1,1,2,2-Tetrachloroethane	21.6		µg/kg		20.0		108	70-130	4	25
Tetrachloroethene	18.4		µg/kg		20.0		92	70-130	3	25
Toluene	17.9		µg/kg		20.0		90	70-130	2	25
1,2,3-Trichlorobenzene	20.8		µg/kg		20.0		104	70-130	7	25
1,2,4-Trichlorobenzene	19.0		µg/kg		20.0		95	70-130	6	25
1,1,1-Trichloroethane	18.2		µg/kg		20.0		91	70-130	5	25
1,1,2-Trichloroethane	21.4		µg/kg		20.0		107	70-130	2	25
Trichloroethene	18.8		µg/kg		20.0		94	70-130	2	25
Trichlorofluoromethane (Freon 11)	19.1		µg/kg		20.0		96	66.5-144	0	50
1,2,3-Trichloropropane	24.3		µg/kg		20.0		122	70-130	3	25
1,2,4-Trimethylbenzene	19.8		µg/kg		20.0		99	70-130	5	25
1,3,5-Trimethylbenzene	19.8		µg/kg		20.0		99	70-130	3	25
Vinyl chloride	16.8		µg/kg		20.0		84	70-130	13	25
m,p-Xylene	39.7		µg/kg		40.0		99	70-130	1	25
o-Xylene	20.2		µg/kg		20.0		101	70-130	5	25
Tetrahydrofuran	23.6		µg/kg		20.0		118	70-130	0	25
Ethyl ether	19.6		µg/kg		20.0		98	64.9-123	6	50
Tert-amyl methyl ether	21.0		µg/kg		20.0		105	70-130	5	25
Ethyl tert-butyl ether	20.8		µg/kg		20.0		104	70-130	6	25
Di-isopropyl ether	20.0		µg/kg		20.0		100	70-130	6	25
Tert-Butanol / butyl alcohol	191		µg/kg		200		96	70-130	4	25
1,4-Dioxane	229		µg/kg		200		114	40-134	13	25
Fluorobenzene	30.0		µg/kg		30.0		103	50-200		
Chlorobenzene-d5	30.0		µg/kg		30.0		101	50-200		
1,4-Dichlorobenzene-d4	30.0		µg/kg		30.0		105	50-200		
Surrogate: 4-Bromofluorobenzene	*31.8*		µg/kg		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/kg		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.6*		µg/kg		*30.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*30.6*		µg/kg		*30.0*		*102*	*70-130*		
Batch 7031233 - SW846 5035A Soil (low level)										
Blank (7031233-BLK1)										
Prepared & Analyzed: 21-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	5.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031233 - SW846 5035A Soil (low level)										
Blank (7031233-BLK1)										
Prepared & Analyzed: 21-Mar-07										
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031233 - SW846 5035A Soil (low level)										
Blank (7031233-BLK1)										
Prepared & Analyzed: 21-Mar-07										
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	*52.7*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.0*		µg/kg wet		*50.0*		*112*	*70-130*		
Surrogate: Dibromofluoromethane	*52.0*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS (7031233-BS1)										
Prepared & Analyzed: 21-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.7		µg/kg wet		20.0		108	70-130		
Acetone	12.9		µg/kg wet		20.0		64	3.31-159		
Acrylonitrile	18.0		µg/kg wet		20.0		90	70-130		
Benzene	19.1		µg/kg wet		20.0		96	70-130		
Bromobenzene	18.3		µg/kg wet		20.0		92	70-130		
Bromochloromethane	16.5		µg/kg wet		20.0		82	70-130		
Bromodichloromethane	19.9		µg/kg wet		20.0		100	70-130		
Bromoform	20.0		µg/kg wet		20.0		100	70-130		
Bromomethane	17.9		µg/kg wet		20.0		90	50-140		
2-Butanone (MEK)	15.6		µg/kg wet		20.0		78	47.7-127		
n-Butylbenzene	19.0		µg/kg wet		20.0		95	70-130		
sec-Butylbenzene	19.4		µg/kg wet		20.0		97	70-130		
tert-Butylbenzene	20.0		µg/kg wet		20.0		100	70-130		
Carbon disulfide	17.2		µg/kg wet		20.0		86	70-130		
Carbon tetrachloride	18.0		µg/kg wet		20.0		90	70-130		
Chlorobenzene	19.3		µg/kg wet		20.0		96	70-130		
Chloroethane	18.3		µg/kg wet		20.0		92	55.9-135		
Chloroform	18.0		µg/kg wet		20.0		90	70-130		
Chloromethane	18.1		µg/kg wet		20.0		90	70-130		
2-Chlorotoluene	18.5		µg/kg wet		20.0		92	70-130		
4-Chlorotoluene	19.3		µg/kg wet		20.0		96	70-130		
1,2-Dibromo-3-chloropropane	17.2		µg/kg wet		20.0		86	70-130		
Dibromochloromethane	18.3		µg/kg wet		20.0		92	72-125		
1,2-Dibromoethane (EDB)	20.3		µg/kg wet		20.0		102	70-130		
Dibromomethane	19.3		µg/kg wet		20.0		96	70-130		
1,2-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130		
1,3-Dichlorobenzene	18.2		µg/kg wet		20.0		91	70-130		
1,4-Dichlorobenzene	18.2		µg/kg wet		20.0		91	70-130		
Dichlorodifluoromethane (Freon12)	14.8		µg/kg wet		20.0		74	42.3-190		
1,1-Dichloroethane	19.2		µg/kg wet		20.0		96	70-130		
1,2-Dichloroethane	17.9		µg/kg wet		20.0		90	70-130		
1,1-Dichloroethene	17.0		µg/kg wet		20.0		85	70-130		
cis-1,2-Dichloroethene	19.0		µg/kg wet		20.0		95	70-130		
trans-1,2-Dichloroethene	18.5		µg/kg wet		20.0		92	70-130		
1,2-Dichloropropane	19.2		µg/kg wet		20.0		96	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031233 - SW846 5035A Soil (low level)										
LCS (7031233-BS1)										
Prepared & Analyzed: 21-Mar-07										
1,3-Dichloropropane	19.3		µg/kg wet		20.0		96	70-130		
2,2-Dichloropropane	17.6		µg/kg wet		20.0		88	70-130		
1,1-Dichloropropene	19.3		µg/kg wet		20.0		96	70-130		
cis-1,3-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130		
trans-1,3-Dichloropropene	20.1		µg/kg wet		20.0		100	70-130		
Ethylbenzene	19.3		µg/kg wet		20.0		96	70-130		
Hexachlorobutadiene	18.6		µg/kg wet		20.0		93	70-137		
2-Hexanone (MBK)	14.7		µg/kg wet		20.0		74	70-130		
Isopropylbenzene	17.7		µg/kg wet		20.0		88	70-130		
4-Isopropyltoluene	19.6		µg/kg wet		20.0		98	70-130		
Methyl tert-butyl ether	18.6		µg/kg wet		20.0		93	70-130		
4-Methyl-2-pentanone (MIBK)	16.9		µg/kg wet		20.0		84	48.5-127		
Methylene chloride	17.2		µg/kg wet		20.0		86	70-130		
Naphthalene	20.3		µg/kg wet		20.0		102	70-130		
n-Propylbenzene	19.6		µg/kg wet		20.0		98	70-130		
Styrene	18.7		µg/kg wet		20.0		94	70-130		
1,1,1,2-Tetrachloroethane	19.7		µg/kg wet		20.0		98	70-130		
1,1,2,2-Tetrachloroethane	17.6		µg/kg wet		20.0		88	70-130		
Tetrachloroethene	21.0		µg/kg wet		20.0		105	70-130		
Toluene	18.7		µg/kg wet		20.0		94	70-130		
1,2,3-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,2,4-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,1,1-Trichloroethane	17.6		µg/kg wet		20.0		88	70-130		
1,1,2-Trichloroethane	20.8		µg/kg wet		20.0		104	70-130		
Trichloroethene	21.2		µg/kg wet		20.0		106	70-130		
Trichlorofluoromethane (Freon 11)	19.2		µg/kg wet		20.0		96	66.5-144		
1,2,3-Trichloropropane	20.5		µg/kg wet		20.0		102	70-130		
1,2,4-Trimethylbenzene	19.3		µg/kg wet		20.0		96	70-130		
1,3,5-Trimethylbenzene	19.3		µg/kg wet		20.0		96	70-130		
Vinyl chloride	20.1		µg/kg wet		20.0		100	70-130		
m,p-Xylene	37.7		µg/kg wet		40.0		94	70-130		
o-Xylene	18.8		µg/kg wet		20.0		94	70-130		
Tetrahydrofuran	16.5		µg/kg wet		20.0		82	70-130		
Ethyl ether	19.6		µg/kg wet		20.0		98	64.9-123		
Tert-amyl methyl ether	21.0		µg/kg wet		20.0		105	70-130		
Ethyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130		
Di-isopropyl ether	18.3		µg/kg wet		20.0		92	70-130		
Tert-Butanol / butyl alcohol	150		µg/kg wet		200		75	70-130		
1,4-Dioxane	189		µg/kg wet		200		94	40-134		
Surrogate: 4-Bromofluorobenzene	*49.6*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.4*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		
LCS Dup (7031233-BSD1)										
Prepared & Analyzed: 21-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.8		µg/kg wet		20.0		104	70-130	4	25
Acetone	13.2		µg/kg wet		20.0		66	3.31-159	3	50
Acrylonitrile	18.8		µg/kg wet		20.0		94	70-130	4	25
Benzene	19.4		µg/kg wet		20.0		97	70-130	1	25
Bromobenzene	19.2		µg/kg wet		20.0		96	70-130	4	25
Bromochloromethane	18.0		µg/kg wet		20.0		90	70-130	9	25
Bromodichloromethane	19.0		µg/kg wet		20.0		95	70-130	5	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031233 - SW846 5035A Soil (low level)										
LCS Dup (7031233-BSD1)										
Prepared & Analyzed: 21-Mar-07										
Bromoform	19.6		µg/kg wet		20.0		98	70-130	2	25
Bromomethane	18.5		µg/kg wet		20.0		92	50-140	2	50
2-Butanone (MEK)	14.8		µg/kg wet		20.0		74	47.7-127	5	50
n-Butylbenzene	18.9		µg/kg wet		20.0		94	70-130	1	25
sec-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130	3	25
tert-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130	4	25
Carbon disulfide	17.5		µg/kg wet		20.0		88	70-130	2	25
Carbon tetrachloride	18.7		µg/kg wet		20.0		94	70-130	4	25
Chlorobenzene	19.6		µg/kg wet		20.0		98	70-130	2	25
Chloroethane	17.5		µg/kg wet		20.0		88	55.9-135	4	50
Chloroform	18.5		µg/kg wet		20.0		92	70-130	2	25
Chloromethane	17.9		µg/kg wet		20.0		90	70-130	0	25
2-Chlorotoluene	19.7		µg/kg wet		20.0		98	70-130	6	25
4-Chlorotoluene	20.4		µg/kg wet		20.0		102	70-130	6	25
1,2-Dibromo-3-chloropropane	18.1		µg/kg wet		20.0		90	70-130	5	25
Dibromochloromethane	18.7		µg/kg wet		20.0		94	72-125	2	50
1,2-Dibromoethane (EDB)	19.0		µg/kg wet		20.0		95	70-130	7	25
Dibromomethane	18.7		µg/kg wet		20.0		94	70-130	2	25
1,2-Dichlorobenzene	19.1		µg/kg wet		20.0		96	70-130	0	25
1,3-Dichlorobenzene	19.7		µg/kg wet		20.0		98	70-130	7	25
1,4-Dichlorobenzene	18.2		µg/kg wet		20.0		91	70-130	0	25
Dichlorodifluoromethane (Freon12)	20.0		µg/kg wet		20.0		100	42.3-190	30	50
1,1-Dichloroethane	19.1		µg/kg wet		20.0		96	70-130	0	25
1,2-Dichloroethane	18.0		µg/kg wet		20.0		90	70-130	0	25
1,1-Dichloroethene	16.8		µg/kg wet		20.0		84	70-130	1	25
cis-1,2-Dichloroethene	18.2		µg/kg wet		20.0		91	70-130	4	25
trans-1,2-Dichloroethene	17.9		µg/kg wet		20.0		90	70-130	2	25
1,2-Dichloropropane	19.7		µg/kg wet		20.0		98	70-130	2	25
1,3-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130	10	25
2,2-Dichloropropane	17.3		µg/kg wet		20.0		86	70-130	2	25
1,1-Dichloropropene	19.5		µg/kg wet		20.0		98	70-130	2	25
cis-1,3-Dichloropropene	21.0		µg/kg wet		20.0		105	70-130	3	25
trans-1,3-Dichloropropene	19.7		µg/kg wet		20.0		98	70-130	2	25
Ethylbenzene	20.3		µg/kg wet		20.0		102	70-130	6	25
Hexachlorobutadiene	18.4		µg/kg wet		20.0		92	70-137	1	50
2-Hexanone (MBK)	14.9		µg/kg wet		20.0		74	70-130	0	25
Isopropylbenzene	19.4		µg/kg wet		20.0		97	70-130	10	25
4-Isopropyltoluene	19.5		µg/kg wet		20.0		98	70-130	0	25
Methyl tert-butyl ether	19.9		µg/kg wet		20.0		100	70-130	7	25
4-Methyl-2-pentanone (MIBK)	18.0		µg/kg wet		20.0		90	48.5-127	7	50
Methylene chloride	16.9		µg/kg wet		20.0		84	70-130	2	25
Naphthalene	19.8		µg/kg wet		20.0		99	70-130	3	25
n-Propylbenzene	19.9		µg/kg wet		20.0		100	70-130	2	25
Styrene	20.1		µg/kg wet		20.0		100	70-130	6	25
1,1,1,2-Tetrachloroethane	19.8		µg/kg wet		20.0		99	70-130	1	25
1,1,2,2-Tetrachloroethane	19.3		µg/kg wet		20.0		96	70-130	9	25
Tetrachloroethene	19.0		µg/kg wet		20.0		95	70-130	10	25
Toluene	19.1		µg/kg wet		20.0		96	70-130	2	25
1,2,3-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130	6	25
1,2,4-Trichlorobenzene	19.0		µg/kg wet		20.0		95	70-130	1	25
1,1,1-Trichloroethane	18.2		µg/kg wet		20.0		91	70-130	3	25
1,1,2-Trichloroethane	21.8		µg/kg wet		20.0		109	70-130	5	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031233 - SW846 5035A Soil (low level)										
LCS Dup (7031233-BSD1)										
Prepared & Analyzed: 21-Mar-07										
Trichloroethene	21.0		µg/kg wet		20.0		105	70-130	0.9	25
Trichlorofluoromethane (Freon 11)	18.9		µg/kg wet		20.0		94	66.5-144	2	50
1,2,3-Trichloropropane	23.7		µg/kg wet		20.0		118	70-130	15	25
1,2,4-Trimethylbenzene	20.2		µg/kg wet		20.0		101	70-130	5	25
1,3,5-Trimethylbenzene	20.2		µg/kg wet		20.0		101	70-130	5	25
Vinyl chloride	21.8		µg/kg wet		20.0		109	70-130	9	25
m,p-Xylene	40.3		µg/kg wet		40.0		101	70-130	7	25
o-Xylene	20.4		µg/kg wet		20.0		102	70-130	8	25
Tetrahydrofuran	18.3		µg/kg wet		20.0		92	70-130	11	25
Ethyl ether	18.7		µg/kg wet		20.0		94	64.9-123	4	50
Tert-amyl methyl ether	19.1		µg/kg wet		20.0		96	70-130	9	25
Ethyl tert-butyl ether	21.2		µg/kg wet		20.0		106	70-130	3	25
Di-isopropyl ether	19.1		µg/kg wet		20.0		96	70-130	4	25
Tert-Butanol / butyl alcohol	169		µg/kg wet		200		84	70-130	11	25
1,4-Dioxane	212		µg/kg wet		200		106	40-134	12	25
Surrogate: 4-Bromofluorobenzene	*52.0*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.1*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*49.8*		µg/kg wet		*50.0*		*100*	*70-130*		
Batch 7031291 - SW846 5035A Soil (low level)										
Blank (7031291-BLK1)										
Prepared & Analyzed: 22-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	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 7031291 - SW846 5035A Soil (low level)										
Blank (7031291-BLK1)										
Prepared & Analyzed: 22-Mar-07										
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*52.6*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*52.7*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*57.0*		µg/kg wet		*50.0*		*114*	*70-130*		
Surrogate: Dibromofluoromethane	*51.9*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS (7031291-BS1)										
Prepared & Analyzed: 22-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.3		µg/kg wet		20.0		112	70-130		
Acetone	12.0		µg/kg wet		20.0		60	3.31-159		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031291 - SW846 5035A Soil (low level)										
LCS (7031291-BS1)										
Prepared & Analyzed: 22-Mar-07										
Acrylonitrile	19.7		µg/kg wet		20.0		98	70-130		
Benzene	20.2		µg/kg wet		20.0		101	70-130		
Bromobenzene	18.0		µg/kg wet		20.0		90	70-130		
Bromochloromethane	18.8		µg/kg wet		20.0		94	70-130		
Bromodichloromethane	20.9		µg/kg wet		20.0		104	70-130		
Bromoform	19.1		µg/kg wet		20.0		96	70-130		
Bromomethane	20.2		µg/kg wet		20.0		101	50-140		
2-Butanone (MEK)	14.0		µg/kg wet		20.0		70	47.7-127		
n-Butylbenzene	20.9		µg/kg wet		20.0		104	70-130		
sec-Butylbenzene	19.7		µg/kg wet		20.0		98	70-130		
tert-Butylbenzene	20.2		µg/kg wet		20.0		101	70-130		
Carbon disulfide	21.2		µg/kg wet		20.0		106	70-130		
Carbon tetrachloride	19.9		µg/kg wet		20.0		100	70-130		
Chlorobenzene	20.7		µg/kg wet		20.0		104	70-130		
Chloroethane	19.8		µg/kg wet		20.0		99	55.9-135		
Chloroform	20.7		µg/kg wet		20.0		104	70-130		
Chloromethane	19.3		µg/kg wet		20.0		96	70-130		
2-Chlorotoluene	19.4		µg/kg wet		20.0		97	70-130		
4-Chlorotoluene	20.6		µg/kg wet		20.0		103	70-130		
1,2-Dibromo-3-chloropropane	16.9		µg/kg wet		20.0		84	70-130		
Dibromochloromethane	19.7		µg/kg wet		20.0		98	72-125		
1,2-Dibromoethane (EDB)	21.8		µg/kg wet		20.0		109	70-130		
Dibromomethane	19.8		µg/kg wet		20.0		99	70-130		
1,2-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,3-Dichlorobenzene	19.3		µg/kg wet		20.0		96	70-130		
1,4-Dichlorobenzene	19.3		µg/kg wet		20.0		96	70-130		
Dichlorodifluoromethane (Freon12)	22.4		µg/kg wet		20.0		112	42.3-190		
1,1-Dichloroethane	21.6		µg/kg wet		20.0		108	70-130		
1,2-Dichloroethane	18.8		µg/kg wet		20.0		94	70-130		
1,1-Dichloroethene	19.0		µg/kg wet		20.0		95	70-130		
cis-1,2-Dichloroethene	19.8		µg/kg wet		20.0		99	70-130		
trans-1,2-Dichloroethene	21.1		µg/kg wet		20.0		106	70-130		
1,2-Dichloropropane	21.0		µg/kg wet		20.0		105	70-130		
1,3-Dichloropropane	20.5		µg/kg wet		20.0		102	70-130		
2,2-Dichloropropane	19.2		µg/kg wet		20.0		96	70-130		
1,1-Dichloropropene	21.3		µg/kg wet		20.0		106	70-130		
cis-1,3-Dichloropropene	20.7		µg/kg wet		20.0		104	70-130		
trans-1,3-Dichloropropene	22.9		µg/kg wet		20.0		114	70-130		
Ethylbenzene	20.4		µg/kg wet		20.0		102	70-130		
Hexachlorobutadiene	20.6		µg/kg wet		20.0		103	70-137		
2-Hexanone (MBK)	15.8		µg/kg wet		20.0		79	70-130		
Isopropylbenzene	19.4		µg/kg wet		20.0		97	70-130		
4-Isopropyltoluene	21.2		µg/kg wet		20.0		106	70-130		
Methyl tert-butyl ether	20.7		µg/kg wet		20.0		104	70-130		
4-Methyl-2-pentanone (MIBK)	19.2		µg/kg wet		20.0		96	48.5-127		
Methylene chloride	18.7		µg/kg wet		20.0		94	70-130		
Naphthalene	21.6		µg/kg wet		20.0		108	70-130		
n-Propylbenzene	20.2		µg/kg wet		20.0		101	70-130		
Styrene	20.5		µg/kg wet		20.0		102	70-130		
1,1,1,2-Tetrachloroethane	20.0		µg/kg wet		20.0		100	70-130		
1,1,2,2-Tetrachloroethane	17.6		µg/kg wet		20.0		88	70-130		
Tetrachloroethene	22.5		µg/kg wet		20.0		112	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031291 - SW846 5035A Soil (low level)										
LCS (7031291-BS1)										
Prepared & Analyzed: 22-Mar-07										
Toluene	19.4		µg/kg wet		20.0		97	70-130		
1,2,3-Trichlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
1,2,4-Trichlorobenzene	22.1		µg/kg wet		20.0		110	70-130		
1,1,1-Trichloroethane	19.3		µg/kg wet		20.0		96	70-130		
1,1,2-Trichloroethane	22.6		µg/kg wet		20.0		113	70-130		
Trichloroethene	24.7		µg/kg wet		20.0		124	70-130		
Trichlorofluoromethane (Freon 11)	21.6		µg/kg wet		20.0		108	66.5-144		
1,2,3-Trichloropropane	21.2		µg/kg wet		20.0		106	70-130		
1,2,4-Trimethylbenzene	20.9		µg/kg wet		20.0		104	70-130		
1,3,5-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130		
Vinyl chloride	21.7		µg/kg wet		20.0		108	70-130		
m,p-Xylene	38.8		µg/kg wet		40.0		97	70-130		
o-Xylene	19.4		µg/kg wet		20.0		97	70-130		
Tetrahydrofuran	17.4		µg/kg wet		20.0		87	70-130		
Ethyl ether	20.1		µg/kg wet		20.0		100	64.9-123		
Tert-amyl methyl ether	23.3		µg/kg wet		20.0		116	70-130		
Ethyl tert-butyl ether	22.8		µg/kg wet		20.0		114	70-130		
Di-isopropyl ether	20.4		µg/kg wet		20.0		102	70-130		
Tert-Butanol / butyl alcohol	162		µg/kg wet		200		81	70-130		
1,4-Dioxane	141		µg/kg wet		200		70	40-134		
Surrogate: 4-Bromofluorobenzene	*47.2*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.1*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*52.0*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS Dup (7031291-BSD1)										
Prepared & Analyzed: 22-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.4		µg/kg wet		20.0		107	70-130	5	25
Acetone	12.6		µg/kg wet		20.0		63	3.31-159	5	50
Acrylonitrile	14.6	QR2	µg/kg wet		20.0		73	70-130	29	25
Benzene	20.3		µg/kg wet		20.0		102	70-130	1	25
Bromobenzene	17.8		µg/kg wet		20.0		89	70-130	1	25
Bromochloromethane	17.4		µg/kg wet		20.0		87	70-130	8	25
Bromodichloromethane	20.4		µg/kg wet		20.0		102	70-130	2	25
Bromoform	19.2		µg/kg wet		20.0		96	70-130	0	25
Bromomethane	19.1		µg/kg wet		20.0		96	50-140	5	50
2-Butanone (MEK)	13.7		µg/kg wet		20.0		68	47.7-127	3	50
n-Butylbenzene	20.7		µg/kg wet		20.0		104	70-130	0	25
sec-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130	2	25
tert-Butylbenzene	20.3		µg/kg wet		20.0		102	70-130	1	25
Carbon disulfide	18.0		µg/kg wet		20.0		90	70-130	16	25
Carbon tetrachloride	18.8		µg/kg wet		20.0		94	70-130	6	25
Chlorobenzene	19.6		µg/kg wet		20.0		98	70-130	6	25
Chloroethane	17.4		µg/kg wet		20.0		87	55.9-135	13	50
Chloroform	19.7		µg/kg wet		20.0		98	70-130	6	25
Chloromethane	19.6		µg/kg wet		20.0		98	70-130	2	25
2-Chlorotoluene	19.1		µg/kg wet		20.0		96	70-130	1	25
4-Chlorotoluene	19.9		µg/kg wet		20.0		100	70-130	3	25
1,2-Dibromo-3-chloropropane	21.7		µg/kg wet		20.0		108	70-130	25	25
Dibromochloromethane	19.2		µg/kg wet		20.0		96	72-125	2	50
1,2-Dibromoethane (EDB)	20.3		µg/kg wet		20.0		102	70-130	7	25
Dibromomethane	18.9		µg/kg wet		20.0		94	70-130	5	25
1,2-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	4	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031291 - SW846 5035A Soil (low level)										
LCS Dup (7031291-BSD1)										
Prepared & Analyzed: 22-Mar-07										
1,3-Dichlorobenzene	20.7		µg/kg wet		20.0		104	70-130	8	25
1,4-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	6	25
Dichlorodifluoromethane (Freon12)	22.4		µg/kg wet		20.0		112	42.3-190	0	50
1,1-Dichloroethane	20.1		µg/kg wet		20.0		100	70-130	8	25
1,2-Dichloroethane	18.0		µg/kg wet		20.0		90	70-130	4	25
1,1-Dichloroethene	19.9		µg/kg wet		20.0		100	70-130	5	25
cis-1,2-Dichloroethene	18.6		µg/kg wet		20.0		93	70-130	6	25
trans-1,2-Dichloroethene	21.3		µg/kg wet		20.0		106	70-130	0	25
1,2-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130	3	25
1,3-Dichloropropane	19.8		µg/kg wet		20.0		99	70-130	3	25
2,2-Dichloropropane	18.1		µg/kg wet		20.0		90	70-130	6	25
1,1-Dichloropropene	19.5		µg/kg wet		20.0		98	70-130	8	25
cis-1,3-Dichloropropene	21.4		µg/kg wet		20.0		107	70-130	3	25
trans-1,3-Dichloropropene	20.9		µg/kg wet		20.0		104	70-130	9	25
Ethylbenzene	20.5		µg/kg wet		20.0		102	70-130	0	25
Hexachlorobutadiene	20.2		µg/kg wet		20.0		101	70-137	2	50
2-Hexanone (MBK)	14.0		µg/kg wet		20.0		70	70-130	12	25
Isopropylbenzene	19.2		µg/kg wet		20.0		96	70-130	1	25
4-Isopropyltoluene	21.8		µg/kg wet		20.0		109	70-130	3	25
Methyl tert-butyl ether	19.8		µg/kg wet		20.0		99	70-130	5	25
4-Methyl-2-pentanone (MIBK)	18.9		µg/kg wet		20.0		94	48.5-127	2	50
Methylene chloride	18.4		µg/kg wet		20.0		92	70-130	2	25
Naphthalene	20.5		µg/kg wet		20.0		102	70-130	6	25
n-Propylbenzene	20.2		µg/kg wet		20.0		101	70-130	0	25
Styrene	19.7		µg/kg wet		20.0		98	70-130	4	25
1,1,1,2-Tetrachloroethane	20.9		µg/kg wet		20.0		104	70-130	4	25
1,1,2,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95	70-130	8	25
Tetrachloroethene	20.4		µg/kg wet		20.0		102	70-130	9	25
Toluene	19.3		µg/kg wet		20.0		96	70-130	1	25
1,2,3-Trichlorobenzene	20.9		µg/kg wet		20.0		104	70-130	0	25
1,2,4-Trichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	4	25
1,1,1-Trichloroethane	18.6		µg/kg wet		20.0		93	70-130	3	25
1,1,2-Trichloroethane	21.4		µg/kg wet		20.0		107	70-130	5	25
Trichloroethene	22.9		µg/kg wet		20.0		114	70-130	8	25
Trichlorofluoromethane (Freon 11)	20.1		µg/kg wet		20.0		100	66.5-144	8	50
1,2,3-Trichloropropane	21.2		µg/kg wet		20.0		106	70-130	0	25
1,2,4-Trimethylbenzene	20.4		µg/kg wet		20.0		102	70-130	2	25
1,3,5-Trimethylbenzene	19.9		µg/kg wet		20.0		100	70-130	4	25
Vinyl chloride	18.4		µg/kg wet		20.0		92	70-130	16	25
m,p-Xylene	39.6		µg/kg wet		40.0		99	70-130	2	25
o-Xylene	18.9		µg/kg wet		20.0		94	70-130	3	25
Tetrahydrofuran	17.3		µg/kg wet		20.0		86	70-130	1	25
Ethyl ether	20.0		µg/kg wet		20.0		100	64.9-123	0	50
Tert-amyl methyl ether	18.5		µg/kg wet		20.0		92	70-130	23	25
Ethyl tert-butyl ether	21.5		µg/kg wet		20.0		108	70-130	5	25
Di-isopropyl ether	19.2		µg/kg wet		20.0		96	70-130	6	25
Tert-Butanol / butyl alcohol	175		µg/kg wet		200		88	70-130	8	25
1,4-Dioxane	202	QR2	µg/kg wet		200		101	40-134	36	25
Surrogate: 4-Bromofluorobenzene	*49.8*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*52.0*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.5*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*49.8*		µg/kg wet		*50.0*		*100*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031160 - SW846 3510C										
Blank (7031160-BLK1)										
Prepared: 21-Mar-07 Analyzed: 22-Mar-07										
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	*0.0430*		mg/l		*0.0500*		*86*	*40-140*		
LCS (7031160-BS1)										
Prepared: 21-Mar-07 Analyzed: 22-Mar-07										
C9-C36 Aliphatic Hydrocarbons	1.4		mg/l	0.05	1.40		100	60-120		
Surrogate: 1-Chlorooctadecane	*0.0520*		mg/l		*0.0500*		*104*	*60-120*		
Batch 7031167 - SW846 3550B										
Blank (7031167-BLK1)										
Prepared & Analyzed: 21-Mar-07										
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	*2.50*		mg/kg wet		*3.33*		*75*	*40-140*		
LCS (7031167-BS1)										
Prepared & Analyzed: 21-Mar-07										
C9-C36 Aliphatic Hydrocarbons	84.8		mg/kg wet	13.3	93.3		91	60-120		
Surrogate: 1-Chlorooctadecane	*3.74*		mg/kg wet		*3.33*		*112*	*60-120*		
Duplicate (7031167-DUP1)	**Source: SA59464-07**									
Prepared & Analyzed: 21-Mar-07										
Gasoline	BRL		mg/kg dry	18.9		BRL				50
Fuel Oil #2	BRL		mg/kg dry	18.9		BRL				50
Fuel Oil #4	BRL		mg/kg dry	18.9		BRL				50
Fuel Oil #6	BRL		mg/kg dry	18.9		BRL				50
Motor Oil	BRL		mg/kg dry	18.9		BRL				50
Aviation Fuel	BRL		mg/kg dry	18.9		BRL				50
Unidentified	BRL		mg/kg dry	18.9		BRL				50
Other Oil	BRL		mg/kg dry	18.9		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	18.9		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	18.9		BRL				50
Surrogate: 1-Chlorooctadecane	*2.08*		mg/kg dry		*2.37*		*88*	*40-140*		
Matrix Spike (7031167-MS1)	**Source: SA59464-07**									
Prepared & Analyzed: 21-Mar-07										
C9-C36 Aliphatic Hydrocarbons	79.6		mg/kg dry	14.6	102	BRL	78	50-150		

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

* Reportable Detection Limit BRL = Below Reporting Limit

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031167 - SW846 3550B										
Matrix Spike (7031167-MS1) **Source: SA59464-07**										
Prepared & Analyzed: 21-Mar-07										
Surrogate: 1-Chlorooctadecane	*3.51*		mg/kg dry		*3.65*		*96*	*40-140*		
Matrix Spike Dup (7031167-MSD1) **Source: SA59464-07**										
Prepared & Analyzed: 21-Mar-07										
C9-C36 Aliphatic Hydrocarbons	74.4		mg/kg dry	14.2	99.9	BRL	74	50-150	5	30
Surrogate: 1-Chlorooctadecane	*3.35*		mg/kg dry		*3.57*		*94*	*40-140*		
Batch 7031283 - SW846 3550B										
Blank (7031283-BLK1)										
Prepared: 22-Mar-07 Analyzed: 26-Mar-07										
Gasoline	BRL		mg/kg	13.3						
Fuel Oil #2	BRL		mg/kg	13.3						
Fuel Oil #4	BRL		mg/kg	13.3						
Fuel Oil #6	BRL		mg/kg	13.3						
Motor Oil	BRL		mg/kg	13.3						
Aviation Fuel	BRL		mg/kg	13.3						
Unidentified	BRL		mg/kg	13.3						
Other Oil	BRL		mg/kg	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg	13.3						
Surrogate: 1-Chlorooctadecane	*3.84*		mg/kg		*3.33*		*115*	*40-140*		
LCS (7031283-BS1)										
Prepared: 22-Mar-07 Analyzed: 26-Mar-07										
C9-C36 Aliphatic Hydrocarbons	84.3		mg/kg	13.3	93.3		90	60-120		
Surrogate: 1-Chlorooctadecane	*3.64*		mg/kg		*3.33*		*109*	*60-120*		
Duplicate (7031283-DUP1) **Source: SA59464-10**										
Prepared: 22-Mar-07 Analyzed: 26-Mar-07										
Gasoline	BRL		mg/kg	25.8		BRL				50
Fuel Oil #2	BRL		mg/kg	25.8		BRL				50
Fuel Oil #4	BRL		mg/kg	25.8		BRL				50
Fuel Oil #6	BRL		mg/kg	25.8		BRL				50
Motor Oil	BRL		mg/kg	25.8		BRL				50
Aviation Fuel	BRL		mg/kg	25.8		BRL				50
Unidentified	BRL		mg/kg	25.8		BRL				50
Other Oil	BRL		mg/kg	25.8		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg	25.8		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg	25.8		BRL				50
Surrogate: 1-Chlorooctadecane	*7.05*		mg/kg		*6.45*		*109*	*40-140*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031063 - SW846 3510C										
Blank (7031063-BLK1)										
Prepared: 20-Mar-07 Analyzed: 22-Mar-07										
PCB 1016	BRL		µg/l	0.200						
PCB 1221	BRL		µg/l	0.200						
PCB 1232	BRL		µg/l	0.200						
PCB 1242	BRL		µg/l	0.200						
PCB 1248	BRL		µg/l	0.200						
PCB 1254	BRL		µg/l	0.200						
PCB 1260	BRL		µg/l	0.200						
PCB 1262	BRL		µg/l	0.200						
PCB 1268	BRL		µg/l	0.200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.150*		µg/l		*0.200*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.180*		µg/l		*0.200*		*90*	*30-150*		
LCS (7031063-BS1)										
Prepared: 20-Mar-07 Analyzed: 22-Mar-07										
PCB 1016	2.32		µg/l	0.200	2.50		93	40-140		
PCB 1260	2.35		µg/l	0.200	2.50		94	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.140*		µg/l		*0.200*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.170*		µg/l		*0.200*		*85*	*30-150*		
LCS Dup (7031063-BSD1)										
Prepared: 20-Mar-07 Analyzed: 22-Mar-07										
PCB 1016	2.34		µg/l	0.200	2.50		94	40-140	1	20
PCB 1260	2.33		µg/l	0.200	2.50		93	40-140	1	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.130*		µg/l		*0.200*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.170*		µg/l		*0.200*		*85*	*30-150*		
Batch 7031064 - SW846 3510C										
Blank (7031064-BLK1)										
Prepared: 20-Mar-07 Analyzed: 21-Mar-07										
Aldrin	BRL		µg/l	0.0100						
a-BHC	BRL		µg/l	0.0100						
b-BHC	BRL		µg/l	0.0100						
d-BHC	BRL		µg/l	0.0100						
g-BHC (Lindane)	BRL		µg/l	0.0100						
Chlordane	BRL		µg/l	0.0500						
4,4-DDD (p,p')	BRL		µg/l	0.0100						
4,4-DDE (p,p')	BRL		µg/l	0.0100						
4,4-DDT (p,p')	BRL		µg/l	0.0100						
Dieldrin	BRL		µg/l	0.0100						
Endosulfan I	BRL		µg/l	0.0100						
Endosulfan II	BRL		µg/l	0.0100						
Endosulfan Sulfate	BRL		µg/l	0.0100						
Endrin	BRL		µg/l	0.0100						
Endrin Aldehyde	BRL		µg/l	0.0100						
Heptachlor	BRL		µg/l	0.0100						
Methoxychlor	BRL		µg/l	0.0100						
Heptachlor Epoxide	BRL		µg/l	0.0100						
Toxaphene	BRL		µg/l	0.0500						
a-Chlordane	BRL		µg/l	0.0100						
g-Chlordane	BRL		µg/l	0.0100						
Endrin Ketone	BRL		µg/l	0.0100						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0138*		µg/l		*0.0200*		*69*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0191*		µg/l		*0.0200*		*96*	*30-150*		
LCS (7031064-BS1)										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031064 - SW846 3510C										
Prepared: 20-Mar-07 Analyzed: 21-Mar-07										
Aldrin	0.0160		µg/l	0.0100	0.0200		80	40-140		
a-BHC	0.0138		µg/l	0.0100	0.0200		69	40-140		
b-BHC	0.0103		µg/l	0.0100	0.0200		52	40-140		
d-BHC	0.0089		µg/l	0.0100	0.0200		44	40-140		
g-BHC (Lindane)	0.0148		µg/l	0.0100	0.0200		74	40-140		
4,4-DDD (p,p')	0.0167		µg/l	0.0100	0.0200		84	40-140		
4,4-DDE (p,p')	0.0137		µg/l	0.0100	0.0200		68	40-140		
4,4-DDT (p,p')	0.0169		µg/l	0.0100	0.0200		84	40-140		
Dieldrin	0.0164		µg/l	0.0100	0.0200		82	40-140		
Endosulfan I	0.0171		µg/l	0.0100	0.0200		86	40-140		
Endosulfan II	0.0186		µg/l	0.0100	0.0200		93	40-140		
Endosulfan Sulfate	0.0154		µg/l	0.0100	0.0200		77	40-140		
Endrin	0.0173		µg/l	0.0100	0.0200		87	40-140		
Endrin Aldehyde	0.0167		µg/l	0.0100	0.0200		84	40-140		
Heptachlor	0.0174		µg/l	0.0100	0.0200		87	40-140		
Methoxychlor	0.0162		µg/l	0.0100	0.0200		81	40-140		
Heptachlor Epoxide	0.0169		µg/l	0.0100	0.0200		84	40-140		
a-Chlordane	0.0171		µg/l	0.0100	0.0200		86	40-140		
g-Chlordane	0.0159		µg/l	0.0100	0.0200		80	40-140		
Endrin Ketone	0.0187		µg/l	0.0100	0.0200		94	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0185*		µg/l		*0.0200*		*92*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0236*		µg/l		*0.0200*		*118*	*40-140*		
LCS Dup (7031064-BSD1)										
Prepared: 20-Mar-07 Analyzed: 21-Mar-07										
Aldrin	0.0154		µg/l	0.0100	0.0200		77	40-140	4	20
a-BHC	0.0131		µg/l	0.0100	0.0200		66	40-140	4	20
b-BHC	0.0121		µg/l	0.0100	0.0200		60	40-140	14	20
d-BHC	0.0085		µg/l	0.0100	0.0200		42	40-140	5	20
g-BHC (Lindane)	0.0142		µg/l	0.0100	0.0200		71	40-140	4	20
4,4-DDD (p,p')	0.0167		µg/l	0.0100	0.0200		84	40-140	0	20
4,4-DDE (p,p')	0.0134		µg/l	0.0100	0.0200		67	40-140	1	20
4,4-DDT (p,p')	0.0156		µg/l	0.0100	0.0200		78	40-140	7	20
Dieldrin	0.0160		µg/l	0.0100	0.0200		80	40-140	2	20
Endosulfan I	0.0168		µg/l	0.0100	0.0200		84	40-140	2	20
Endosulfan II	0.0171		µg/l	0.0100	0.0200		86	40-140	8	20
Endosulfan Sulfate	0.0146		µg/l	0.0100	0.0200		73	40-140	5	20
Endrin	0.0166		µg/l	0.0100	0.0200		83	40-140	5	20
Endrin Aldehyde	0.0158		µg/l	0.0100	0.0200		79	40-140	6	20
Heptachlor	0.0153		µg/l	0.0100	0.0200		76	40-140	13	20
Methoxychlor	0.0152		µg/l	0.0100	0.0200		76	40-140	6	20
Heptachlor Epoxide	0.0164		µg/l	0.0100	0.0200		82	40-140	2	20
a-Chlordane	0.0164		µg/l	0.0100	0.0200		82	40-140	5	20
g-Chlordane	0.0160		µg/l	0.0100	0.0200		80	40-140	0	20
Endrin Ketone	0.0188		µg/l	0.0100	0.0200		94	40-140	0	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0177*		µg/l		*0.0200*		*88*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0244*		µg/l		*0.0200*		*122*	*40-140*		
Batch 7031068 - SW846 3550B										
Blank (7031068-BLK1)										
Prepared: 20-Mar-07 Analyzed: 21-Mar-07										
Aldrin	BRL		µg/kg wet	14.3						
a-BHC	BRL		µg/kg wet	14.3						
b-BHC	BRL		µg/kg wet	14.3						
d-BHC	BRL		µg/kg wet	14.3						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031068 - SW846 3550B										
Blank (7031068-BLK1)										
Prepared: 20-Mar-07 Analyzed: 21-Mar-07										
g-BHC (Lindane)	BRL		µg/kg wet	14.3						
Chlordane	BRL		µg/kg wet	71.5						
4,4-DDD (p,p')	BRL		µg/kg wet	14.3						
4,4-DDE (p,p')	BRL		µg/kg wet	14.3						
4,4-DDT (p,p')	BRL		µg/kg wet	14.3						
Dieldrin	BRL		µg/kg wet	14.3						
Endosulfan I	BRL		µg/kg wet	14.3						
Endosulfan II	BRL		µg/kg wet	14.3						
Endosulfan Sulfate	BRL		µg/kg wet	14.3						
Endrin	BRL		µg/kg wet	14.3						
Endrin Aldehyde	BRL		µg/kg wet	14.3						
Heptachlor	BRL		µg/kg wet	14.3						
Methoxychlor	BRL		µg/kg wet	14.3						
Heptachlor Epoxide	BRL		µg/kg wet	14.3						
Toxaphene	BRL		µg/kg wet	71.5						
a-Chlordane	BRL		µg/kg wet	14.3						
g-Chlordane	BRL		µg/kg wet	14.3						
Endrin Ketone	BRL		µg/kg wet	14.3						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.1*		µg/kg wet		*28.6*		*67*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*32.0*		µg/kg wet		*28.6*		*112*	*30-150*		
LCS (7031068-BS1)										
Prepared: 20-Mar-07 Analyzed: 21-Mar-07										
Aldrin	26.5		µg/kg wet	14.3	28.6		93	40-140		
a-BHC	23.4		µg/kg wet	14.3	28.6		82	40-140		
b-BHC	23.7		µg/kg wet	14.3	28.6		83	40-140		
d-BHC	12.6		µg/kg wet	14.3	28.6		44	40-140		
g-BHC (Lindane)	23.4		µg/kg wet	14.3	28.6		82	40-140		
4,4-DDD (p,p')	26.0		µg/kg wet	14.3	28.6		91	40-140		
4,4-DDE (p,p')	25.6		µg/kg wet	14.3	28.6		90	40-140		
4,4-DDT (p,p')	29.9		µg/kg wet	14.3	28.6		105	40-140		
Dieldrin	24.9		µg/kg wet	14.3	28.6		87	40-140		
Endosulfan I	26.9		µg/kg wet	14.3	28.6		94	40-140		
Endosulfan II	26.7		µg/kg wet	14.3	28.6		93	40-140		
Endosulfan Sulfate	24.4		µg/kg wet	14.3	28.6		85	40-140		
Endrin	26.8		µg/kg wet	14.3	28.6		94	40-140		
Endrin Aldehyde	25.8		µg/kg wet	14.3	28.6		90	40-140		
Heptachlor	27.2		µg/kg wet	14.3	28.6		95	40-140		
Methoxychlor	28.5		µg/kg wet	14.3	28.6		100	40-140		
Heptachlor Epoxide	26.5		µg/kg wet	14.3	28.6		93	40-140		
a-Chlordane	27.7		µg/kg wet	14.3	28.6		97	40-140		
g-Chlordane	26.5		µg/kg wet	14.3	28.6		93	40-140		
Endrin Ketone	29.2		µg/kg wet	14.3	28.6		102	40-140		
2,4,5,6-TC-M-Xylene (IS)	0.020		µg/kg wet		10.0		39.9	50-200		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.9*		µg/kg wet		*28.6*		*70*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*30.5*		µg/kg wet		*28.6*		*107*	*40-140*		
LCS Dup (7031068-BSD1)										
Prepared: 20-Mar-07 Analyzed: 21-Mar-07										
Aldrin	26.6		µg/kg wet	14.3	28.6		93	40-140	0	30
a-BHC	22.7		µg/kg wet	14.3	28.6		79	40-140	4	30
b-BHC	22.3		µg/kg wet	14.3	28.6		78	40-140	6	30
d-BHC	11.7		µg/kg wet	14.3	28.6		41	40-140	7	30
g-BHC (Lindane)	24.0		µg/kg wet	14.3	28.6		84	40-140	2	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 7031068 - SW846 3550B										
LCS Dup (7031068-BSD1)										
Prepared: 20-Mar-07 Analyzed: 21-Mar-07										
4,4-DDD (p,p')	29.7		µg/kg wet	14.3	28.6		104	40-140	13	30
4,4-DDE (p,p')	26.6		µg/kg wet	14.3	28.6		93	40-140	3	30
4,4-DDT (p,p')	27.9		µg/kg wet	14.3	28.6		98	40-140	7	30
Dieldrin	25.9		µg/kg wet	14.3	28.6		91	40-140	4	30
Endosulfan I	27.0		µg/kg wet	14.3	28.6		94	40-140	0	30
Endosulfan II	27.5		µg/kg wet	14.3	28.6		96	40-140	3	30
Endosulfan Sulfate	26.9		µg/kg wet	14.3	28.6		94	40-140	10	30
Endrin	27.3		µg/kg wet	14.3	28.6		95	40-140	1	30
Endrin Aldehyde	28.0		µg/kg wet	14.3	28.6		98	40-140	9	30
Heptachlor	26.9		µg/kg wet	14.3	28.6		94	40-140	1	30
Methoxychlor	29.6		µg/kg wet	14.3	28.6		103	40-140	3	30
Heptachlor Epoxide	26.9		µg/kg wet	14.3	28.6		94	40-140	1	30
a-Chlordane	27.2		µg/kg wet	14.3	28.6		95	40-140	2	30
g-Chlordane	27.0		µg/kg wet	14.3	28.6		94	40-140	1	30
Endrin Ketone	30.8		µg/kg wet	14.3	28.6		108	40-140	6	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.8*		µg/kg wet		*28.6*		*66*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*32.3*		µg/kg wet		*28.6*		*113*	*40-140*		
Duplicate (7031068-DUP1) **Source: SA59445-32**										
Prepared: 20-Mar-07 Analyzed: 22-Mar-07										
Aldrin	BRL		µg/kg dry	15.5		BRL				30
a-BHC	BRL		µg/kg dry	15.5		BRL				30
b-BHC	BRL		µg/kg dry	15.5		BRL				30
d-BHC	BRL		µg/kg dry	15.5		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	15.5		BRL				30
Chlordane	BRL		µg/kg dry	77.5		BRL				30
4,4-DDD (p,p')	11.8	J	µg/kg dry	15.5		11.5			3	30
4,4-DDE (p,p')	138		µg/kg dry	15.5		116			17	30
4,4-DDT (p,p')	49.8		µg/kg dry	15.5		49.3			1	30
Dieldrin	BRL		µg/kg dry	15.5		BRL				30
Endosulfan I	BRL		µg/kg dry	15.5		BRL				30
Endosulfan II	BRL		µg/kg dry	15.5		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	15.5		BRL				30
Endrin	BRL		µg/kg dry	15.5		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	15.5		BRL				30
Heptachlor	BRL		µg/kg dry	15.5		BRL				30
Methoxychlor	BRL		µg/kg dry	15.5		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	15.5		BRL				30
Toxaphene	BRL		µg/kg dry	77.5		BRL				30
a-Chlordane	BRL		µg/kg dry	15.5		BRL				30
g-Chlordane	BRL		µg/kg dry	15.5		BRL				30
Endrin Ketone	BRL		µg/kg dry	15.5		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.6*		µg/kg dry		*31.0*		*73*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*33.7*		µg/kg dry		*31.0*		*109*	*30-150*		
Matrix Spike (7031068-MS1) **Source: SA59445-32**										
Prepared: 20-Mar-07 Analyzed: 22-Mar-07										
Aldrin	31.7		µg/kg dry	15.6	31.1	BRL	102	30-150		
a-BHC	27.3		µg/kg dry	15.6	31.1	BRL	88	30-150		
b-BHC	34.9		µg/kg dry	15.6	31.1	BRL	112	30-150		
d-BHC	13.8		µg/kg dry	15.6	31.1	BRL	44	30-150		
g-BHC (Lindane)	32.2		µg/kg dry	15.6	31.1	BRL	104	30-150		
4,4-DDD (p,p')	39.6		µg/kg dry	15.6	31.1	11.5	90	30-150		
4,4-DDE (p,p')	173	QM4X	µg/kg dry	15.6	31.1	116	183	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 7031068 - SW846 3550B										
Matrix Spike (7031068-MS1) **Source: SA59445-32**										
Prepared: 20-Mar-07 Analyzed: 22-Mar-07										
4,4-DDT (p,p')	83.5		µg/kg dry	15.6	31.1	49.3	110	30-150		
Dieldrin	38.7		µg/kg dry	15.6	31.1	BRL	124	30-150		
Endosulfan I	32.7		µg/kg dry	15.6	31.1	BRL	105	30-150		
Endosulfan II	44.0		µg/kg dry	15.6	31.1	BRL	141	30-150		
Endosulfan Sulfate	35.6		µg/kg dry	15.6	31.1	BRL	114	30-150		
Endrin	38.0		µg/kg dry	15.6	31.1	BRL	122	30-150		
Endrin Aldehyde	22.7		µg/kg dry	15.6	31.1	BRL	73	30-150		
Heptachlor	33.1		µg/kg dry	15.6	31.1	BRL	106	30-150		
Methoxychlor	46.5		µg/kg dry	15.6	31.1	BRL	150	30-150		
Heptachlor Epoxide	45.3		µg/kg dry	15.6	31.1	BRL	146	30-150		
a-Chlordane	44.0		µg/kg dry	15.6	31.1	BRL	141	30-150		
g-Chlordane	36.4		µg/kg dry	15.6	31.1	BRL	117	30-150		
Endrin Ketone	34.5		µg/kg dry	15.6	31.1	BRL	111	30-150		
2,4,5,6-TC-M-Xylene (IS)	0.020		µg/kg dry		10.0		91.2	50-200		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.6*		µg/kg dry		*31.1*		*76*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*36.7*		µg/kg dry		*31.1*		*118*	*30-150*		
Matrix Spike Dup (7031068-MSD1) **Source: SA59445-32**										
Prepared: 20-Mar-07 Analyzed: 22-Mar-07										
Aldrin	30.0		µg/kg dry	15.4	30.8	BRL	97	30-150	5	30
a-BHC	25.4		µg/kg dry	15.4	30.8	BRL	82	30-150	7	30
b-BHC	43.4		µg/kg dry	15.4	30.8	BRL	141	30-150	23	30
d-BHC	12.5		µg/kg dry	15.4	30.8	BRL	41	30-150	7	30
g-BHC (Lindane)	27.3		µg/kg dry	15.4	30.8	BRL	89	30-150	16	30
4,4-DDD (p,p')	40.9		µg/kg dry	15.4	30.8	11.5	95	30-150	5	30
4,4-DDE (p,p')	176	QM4X	µg/kg dry	15.4	30.8	116	195	30-150	6	30
4,4-DDT (p,p')	82.8		µg/kg dry	15.4	30.8	49.3	109	30-150	0.9	30
Dieldrin	35.8		µg/kg dry	15.4	30.8	BRL	116	30-150	7	30
Endosulfan I	29.2		µg/kg dry	15.4	30.8	BRL	95	30-150	10	30
Endosulfan II	41.3		µg/kg dry	15.4	30.8	BRL	134	30-150	5	30
Endosulfan Sulfate	28.5		µg/kg dry	15.4	30.8	BRL	93	30-150	20	30
Endrin	36.9		µg/kg dry	15.4	30.8	BRL	120	30-150	2	30
Endrin Aldehyde	22.1		µg/kg dry	15.4	30.8	BRL	72	30-150	1	30
Heptachlor	30.6		µg/kg dry	15.4	30.8	BRL	99	30-150	7	30
Methoxychlor	44.5		µg/kg dry	15.4	30.8	BRL	144	30-150	4	30
Heptachlor Epoxide	42.3		µg/kg dry	15.4	30.8	BRL	137	30-150	6	30
a-Chlordane	42.0		µg/kg dry	15.4	30.8	BRL	136	30-150	4	50
g-Chlordane	36.3		µg/kg dry	15.4	30.8	BRL	118	30-150	0.9	50
Endrin Ketone	34.8		µg/kg dry	15.4	30.8	BRL	113	30-150	2	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.5*		µg/kg dry		*30.8*		*73*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*36.6*		µg/kg dry		*30.8*		*119*	*30-150*		
Batch 7031164 - SW846 3545A										
Blank (7031164-BLK1)										
Prepared: 21-Mar-07 Analyzed: 22-Mar-07										
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 7031164 - SW846 3545A										
Blank (7031164-BLK1)										
Prepared: 21-Mar-07 Analyzed: 22-Mar-07										
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.4*		µg/kg wet		*28.6*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.0*		µg/kg wet		*28.6*		*105*	*30-150*		
LCS (7031164-BS1)										
Prepared: 21-Mar-07 Analyzed: 22-Mar-07										
PCB 1016	427		µg/kg wet	28.6	357		120	40-140		
PCB 1260	430		µg/kg wet	28.6	357		120	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.6*		µg/kg wet		*28.6*		*100*	*30-150*		
LCS Dup (7031164-BSD1)										
Prepared: 21-Mar-07 Analyzed: 22-Mar-07										
PCB 1016	413		µg/kg wet	28.6	357		116	40-140	3	30
PCB 1260	459		µg/kg wet	28.6	357		129	40-140	7	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.4*		µg/kg wet		*28.6*		*110*	*30-150*		
Duplicate (7031164-DUP1) **Source: SA59464-01**										
Prepared: 21-Mar-07 Analyzed: 23-Mar-07										
PCB 1016	BRL		µg/kg dry	11.7		BRL				40
PCB 1221	BRL		µg/kg dry	11.7		BRL				40
PCB 1232	BRL		µg/kg dry	11.7		BRL				40
PCB 1242	BRL		µg/kg dry	11.7		BRL				40
PCB 1248	BRL		µg/kg dry	11.7		BRL				40
PCB 1254	BRL		µg/kg dry	11.7		BRL				40
PCB 1260	29.2		µg/kg dry	11.7		21.9			29	40
PCB 1262	BRL		µg/kg dry	11.7		BRL				40
PCB 1268	BRL		µg/kg dry	11.7		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*6.42*		µg/kg dry		*11.7*		*55*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*8.75*		µg/kg dry		*11.7*		*75*	*30-150*		
Matrix Spike (7031164-MS1) **Source: SA59464-01**										
Prepared: 21-Mar-07 Analyzed: 23-Mar-07										
PCB 1016	124		µg/kg dry	12.0	150	BRL	83	40-140		
PCB 1260	151		µg/kg dry	12.0	150	21.9	86	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*5.40*		µg/kg dry		*12.0*		*45*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*8.39*		µg/kg dry		*12.0*		*70*	*30-150*		
Matrix Spike Dup (7031164-MSD1) **Source: SA59464-01**										
Prepared: 21-Mar-07 Analyzed: 23-Mar-07										
PCB 1016	120		µg/kg dry	11.9	149	BRL	81	40-140	2	50
PCB 1260	147		µg/kg dry	11.9	149	21.9	84	40-140	2	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*5.97*		µg/kg dry		*11.9*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*8.95*		µg/kg dry		*11.9*		*75*	*30-150*		
Batch 7031170 - SW846 3550B										
Blank (7031170-BLK1)										
Prepared: 21-Mar-07 Analyzed: 24-Mar-07										
PCB 1016	BRL		µg/kg	28.6						
PCB 1221	BRL		µg/kg	28.6						
PCB 1232	BRL		µg/kg	28.6						
PCB 1242	BRL		µg/kg	28.6						
PCB 1248	BRL		µg/kg	28.6						
PCB 1254	BRL		µg/kg	28.6						
PCB 1260	BRL		µg/kg	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 7031170 - SW846 3550B										
Blank (7031170-BLK1)										
Prepared: 21-Mar-07 Analyzed: 24-Mar-07										
PCB 1262	BRL		µg/kg	28.6						
PCB 1268	BRL		µg/kg	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.4*		µg/kg		*28.6*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.4*		µg/kg		*28.6*		*110*	*30-150*		
LCS (7031170-BS1)										
Prepared: 21-Mar-07 Analyzed: 24-Mar-07										
PCB 1016	421		µg/kg	28.6	357		118	40-140		
PCB 1260	450		µg/kg	28.6	357		126	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.4*		µg/kg		*28.6*		*110*	*30-150*		
LCS Dup (7031170-BSD1)										
Prepared: 21-Mar-07 Analyzed: 24-Mar-07										
PCB 1016	429		µg/kg	28.6	357		120	40-140	2	30
PCB 1260	466		µg/kg	28.6	357		131	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.4*		µg/kg		*28.6*		*110*	*30-150*		
Duplicate (7031170-DUP1) **Source: SA59464-10**										
Prepared: 21-Mar-07 Analyzed: 24-Mar-07										
PCB 1016	BRL		µg/kg	27.4		BRL				40
PCB 1221	BRL		µg/kg	27.4		BRL				40
PCB 1232	BRL		µg/kg	27.4		BRL				40
PCB 1242	BRL		µg/kg	27.4		BRL				40
PCB 1248	BRL		µg/kg	27.4		BRL				40
PCB 1254	BRL		µg/kg	27.4		BRL				40
PCB 1260	BRL		µg/kg	27.4		BRL				40
PCB 1262	BRL		µg/kg	27.4		BRL				40
PCB 1268	BRL		µg/kg	27.4		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.9*		µg/kg		*27.3*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.4*		µg/kg		*27.3*		*115*	*30-150*		
Batch 7031171 - SW846 3550B										
Blank (7031171-BLK1)										
Prepared: 21-Mar-07 Analyzed: 25-Mar-07										
Aldrin	BRL		µg/kg	14.3						
a-BHC	BRL		µg/kg	14.3						
b-BHC	BRL		µg/kg	14.3						
d-BHC	BRL		µg/kg	14.3						
g-BHC (Lindane)	BRL		µg/kg	14.3						
Chlordane	BRL		µg/kg	71.5						
4,4-DDD (p,p')	BRL		µg/kg	14.3						
4,4-DDE (p,p')	BRL		µg/kg	14.3						
4,4-DDT (p,p')	BRL		µg/kg	14.3						
Dieldrin	BRL		µg/kg	14.3						
Endosulfan I	BRL		µg/kg	14.3						
Endosulfan II	BRL		µg/kg	14.3						
Endosulfan Sulfate	BRL		µg/kg	14.3						
Endrin	BRL		µg/kg	14.3						
Endrin Aldehyde	BRL		µg/kg	14.3						
Heptachlor	BRL		µg/kg	14.3						
Methoxychlor	BRL		µg/kg	14.3						
Heptachlor Epoxide	BRL		µg/kg	14.3						
Toxaphene	BRL		µg/kg	71.5						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031171 - SW846 3550B										
Blank (7031171-BLK1)										
Prepared: 21-Mar-07 Analyzed: 25-Mar-07										
a-Chlordane	BRL		µg/kg	14.3						
g-Chlordane	BRL		µg/kg	14.3						
Endrin Ketone	BRL		µg/kg	14.3						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.5*		µg/kg		*28.6*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.4*		µg/kg		*28.6*		*110*	*30-150*		
LCS (7031171-BS1)										
Prepared: 21-Mar-07 Analyzed: 25-Mar-07										
Aldrin	25.8		µg/kg	14.3	28.6		90	40-140		
a-BHC	23.6		µg/kg	14.3	28.6		83	40-140		
b-BHC	24.1		µg/kg	14.3	28.6		84	40-140		
d-BHC	13.0		µg/kg	14.3	28.6		45	40-140		
g-BHC (Lindane)	23.2		µg/kg	14.3	28.6		81	40-140		
4,4-DDD (p,p')	28.1		µg/kg	14.3	28.6		98	40-140		
4,4-DDE (p,p')	29.8		µg/kg	14.3	28.6		104	40-140		
4,4-DDT (p,p')	32.9		µg/kg	14.3	28.6		115	40-140		
Dieldrin	27.5		µg/kg	14.3	28.6		96	40-140		
Endosulfan I	30.4		µg/kg	14.3	28.6		106	40-140		
Endosulfan II	31.6		µg/kg	14.3	28.6		110	40-140		
Endosulfan Sulfate	30.1		µg/kg	14.3	28.6		105	40-140		
Endrin	33.5		µg/kg	14.3	28.6		117	40-140		
Endrin Aldehyde	31.0		µg/kg	14.3	28.6		108	40-140		
Heptachlor	27.2		µg/kg	14.3	28.6		95	40-140		
Methoxychlor	38.0		µg/kg	14.3	28.6		133	40-140		
Heptachlor Epoxide	29.8		µg/kg	14.3	28.6		104	40-140		
a-Chlordane	28.6		µg/kg	14.3	28.6		100	40-140		
g-Chlordane	28.0		µg/kg	14.3	28.6		98	40-140		
Endrin Ketone	32.9		µg/kg	14.3	28.6		115	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.3*		µg/kg		*28.6*		*64*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*37.1*		µg/kg		*28.6*		*130*	*40-140*		
LCS Dup (7031171-BSD1)										
Prepared: 21-Mar-07 Analyzed: 25-Mar-07										
Aldrin	24.8		µg/kg	14.3	28.6		87	40-140	3	30
a-BHC	23.1		µg/kg	14.3	28.6		81	40-140	2	30
b-BHC	23.8		µg/kg	14.3	28.6		83	40-140	1	30
d-BHC	12.3		µg/kg	14.3	28.6		43	40-140	5	30
g-BHC (Lindane)	23.9		µg/kg	14.3	28.6		84	40-140	4	30
4,4-DDD (p,p')	26.2		µg/kg	14.3	28.6		92	40-140	6	30
4,4-DDE (p,p')	26.0		µg/kg	14.3	28.6		91	40-140	13	30
4,4-DDT (p,p')	29.5		µg/kg	14.3	28.6		103	40-140	11	30
Dieldrin	25.2		µg/kg	14.3	28.6		88	40-140	9	30
Endosulfan I	26.3		µg/kg	14.3	28.6		92	40-140	14	30
Endosulfan II	27.0		µg/kg	14.3	28.6		94	40-140	16	30
Endosulfan Sulfate	24.7		µg/kg	14.3	28.6		86	40-140	20	30
Endrin	30.0		µg/kg	14.3	28.6		105	40-140	11	30
Endrin Aldehyde	30.2		µg/kg	14.3	28.6		106	40-140	2	30
Heptachlor	26.6		µg/kg	14.3	28.6		93	40-140	2	30
Methoxychlor	32.2		µg/kg	14.3	28.6		113	40-140	16	30
Heptachlor Epoxide	26.7		µg/kg	14.3	28.6		93	40-140	11	30
a-Chlordane	25.2		µg/kg	14.3	28.6		88	40-140	13	30
g-Chlordane	25.4		µg/kg	14.3	28.6		89	40-140	10	30
Endrin Ketone	27.0		µg/kg	14.3	28.6		94	40-140	20	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.2*		µg/kg		*28.6*		*64*	*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 7031171 - SW846 3550B										
LCS Dup (7031171-BSD1)										
Prepared: 21-Mar-07 Analyzed: 25-Mar-07										
Surrogate: Decachlorobiphenyl (Sr)	*30.1*		µg/kg		*28.6*		*105*	*40-140*		
Duplicate (7031171-DUP1) **Source: SA59464-10**										
Prepared: 21-Mar-07 Analyzed: 25-Mar-07										
Aldrin	BRL		µg/kg	13.7		BRL				30
a-BHC	BRL		µg/kg	13.7		BRL				30
b-BHC	BRL		µg/kg	13.7		BRL				30
d-BHC	BRL		µg/kg	13.7		BRL				30
g-BHC (Lindane)	BRL		µg/kg	13.7		BRL				30
Chlordane	BRL		µg/kg	68.4		BRL				30
4,4-DDD (p,p')	BRL		µg/kg	13.7		BRL				30
4,4-DDE (p,p')	BRL		µg/kg	13.7		BRL				30
4,4-DDT (p,p')	BRL		µg/kg	13.7		BRL				30
Dieldrin	BRL		µg/kg	13.7		BRL				30
Endosulfan I	BRL		µg/kg	13.7		BRL				30
Endosulfan II	BRL		µg/kg	13.7		BRL				30
Endosulfan Sulfate	BRL		µg/kg	13.7		BRL				30
Endrin	BRL		µg/kg	13.7		BRL				30
Endrin Aldehyde	BRL		µg/kg	13.7		BRL				30
Heptachlor	BRL		µg/kg	13.7		BRL				30
Methoxychlor	BRL		µg/kg	13.7		BRL				30
Heptachlor Epoxide	BRL		µg/kg	13.7		BRL				30
Toxaphene	BRL		µg/kg	68.4		BRL				30
a-Chlordane	BRL		µg/kg	13.7		BRL				30
g-Chlordane	BRL		µg/kg	13.7		BRL				30
Endrin Ketone	BRL		µg/kg	13.7		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.4*		µg/kg		*27.3*		*71*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*35.2*		µg/kg		*27.3*		*129*	*30-150*		
Batch 7031274 - SW846 3550B										
Blank (7031274-BLK1)										
Prepared & Analyzed: 22-Mar-07										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.1*		µg/kg wet		*28.6*		*95*	*30-150*		
LCS (7031274-BS1)										
Prepared & Analyzed: 22-Mar-07										
PCB 1016	390		µg/kg wet	28.6	357		109	40-140		
PCB 1260	416		µg/kg wet	28.6	357		117	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.0*		µg/kg wet		*28.6*		*105*	*30-150*		
LCS Dup (7031274-BSD1)										
Prepared & Analyzed: 22-Mar-07										
PCB 1016	406		µg/kg wet	28.6	357		114	40-140	4	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 7031274 - SW846 3550B										
LCS Dup (7031274-BSD1)										
Prepared & Analyzed: 22-Mar-07										
PCB 1260	433		µg/kg wet	28.6	357		121	40-140	3	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.6*		µg/kg wet		*28.6*		*100*	*30-150*		
Duplicate (7031274-DUP1) **Source: SA59548-02**										
Prepared & Analyzed: 22-Mar-07										
PCB 1016	BRL		µg/kg dry	31.3		BRL				40
PCB 1221	BRL		µg/kg dry	31.3		BRL				40
PCB 1232	BRL		µg/kg dry	31.3		BRL				40
PCB 1242	BRL		µg/kg dry	31.3		BRL				40
PCB 1248	BRL		µg/kg dry	31.3		BRL				40
PCB 1254	BRL		µg/kg dry	31.3		BRL				40
PCB 1260	BRL		µg/kg dry	31.3		BRL				40
PCB 1262	BRL		µg/kg dry	31.3		BRL				40
PCB 1268	BRL		µg/kg dry	31.3		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.9*		µg/kg dry		*31.3*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.3*		µg/kg dry		*31.3*		*100*	*30-150*		
Matrix Spike (7031274-MS1) **Source: SA59548-02**										
Prepared & Analyzed: 22-Mar-07										
PCB 1016	405		µg/kg dry	30.5	381	BRL	106	40-140		
PCB 1260	446		µg/kg dry	30.5	381	BRL	117	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.3*		µg/kg dry		*30.5*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.9*		µg/kg dry		*30.5*		*95*	*30-150*		
Matrix Spike Dup (7031274-MSD1) **Source: SA59548-02**										
Prepared & Analyzed: 22-Mar-07										
PCB 1016	428		µg/kg dry	31.0	387	BRL	111	40-140	5	50
PCB 1260	469		µg/kg dry	31.0	387	BRL	121	40-140	3	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg dry		*31.0*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*29.4*		µg/kg dry		*31.0*		*95*	*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 7031070 - SW846 3510C										
Blank (7031070-BLK1)										
Prepared & Analyzed: 20-Mar-07										
Acenaphthene	BRL		µg/l	0.050						
Acenaphthene	BRL		µg/l	1.00						
Acenaphthylene	BRL		µg/l	0.400						
Acenaphthylene	BRL		µg/l	0.050						
1-Methylnaphthalene	BRL		µg/l	0.050						
1-Methylnaphthalene	BRL		µg/l	1.00						
Aniline	BRL		µg/l	1.00						
Anthracene	BRL		µg/l	1.00						
Anthracene	BRL		µg/l	0.050						
Atrazine	BRL		µg/l	1.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	1.00						
Benzidine	BRL		µg/l	1.00						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) anthracene	BRL		µg/l	0.200						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (a) pyrene	BRL		µg/l	0.200						
Benzo (b) fluoranthene	BRL		µg/l	0.200						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	1.00						
Benzo (k) fluoranthene	BRL		µg/l	0.300						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Benzoic acid	BRL		µg/l	1.00						
Benzyl alcohol	BRL		µg/l	1.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	1.00						
Bis(2-chloroethyl)ether	BRL		µg/l	1.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	1.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	1.00						
4-Bromophenyl phenyl ether	BRL		µg/l	1.00						
Butyl benzyl phthalate	BRL		µg/l	1.00						
Carbazole	BRL		µg/l	1.00						
4-Chloro-3-methylphenol	BRL		µg/l	1.00						
4-Chloroaniline	BRL		µg/l	1.00						
2-Chloronaphthalene	BRL		µg/l	1.00						
2-Chlorophenol	BRL		µg/l	1.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	1.00						
Chrysene	BRL		µg/l	1.00						
Chrysene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	0.200						
Dibenzofuran	BRL		µg/l	1.00						
1,2-Dichlorobenzene	BRL		µg/l	1.00						
1,3-Dichlorobenzene	BRL		µg/l	1.00						
1,4-Dichlorobenzene	BRL		µg/l	1.00						
3,3´-Dichlorobenzidine	BRL		µg/l	1.00						
2,4-Dichlorophenol	BRL		µg/l	1.00						
Diethyl phthalate	BRL		µg/l	1.00						
Dimethyl phthalate	BRL		µg/l	1.00						
2,4-Dimethylphenol	BRL		µg/l	1.00						
Di-n-butyl phthalate	BRL		µg/l	1.00						
4,6-Dinitro-2-methylphenol	BRL		µg/l	1.00						
2,4-Dinitrophenol	BRL		µg/l	1.00						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031070 - SW846 3510C										
Blank (7031070-BLK1)										
Prepared & Analyzed: 20-Mar-07										
2,4-Dinitrotoluene	BRL		µg/l	1.00						
2,6-Dinitrotoluene	BRL		µg/l	1.00						
Di-n-octyl phthalate	BRL		µg/l	1.00						
Fluoranthene	BRL		µg/l	1.00						
Fluoranthene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	1.00						
Fluorene	BRL		µg/l	0.050						
Hexachlorobenzene	BRL		µg/l	1.00						
Hexachlorobutadiene	BRL		µg/l	0.600						
Hexachlorocyclopentadiene	BRL		µg/l	1.00						
Hexachloroethane	BRL		µg/l	1.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.200						
Isophorone	BRL		µg/l	1.00						
2-Methylnaphthalene	BRL		µg/l	1.00						
2-Methylnaphthalene	BRL		µg/l	0.050						
2-Methylphenol	BRL		µg/l	1.00						
3,4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	0.050						
Naphthalene	BRL		µg/l	1.00						
2-Nitroaniline	BRL		µg/l	1.00						
3-Nitroaniline	BRL		µg/l	1.00						
4-Nitroaniline	BRL		µg/l	1.00						
Nitrobenzene	BRL		µg/l	1.00						
2-Nitrophenol	BRL		µg/l	1.00						
4-Nitrophenol	BRL		µg/l	1.00						
N-Nitrosodimethylamine	BRL		µg/l	1.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	1.00						
N-Nitrosodiphenylamine	BRL		µg/l	1.00						
Pentachlorophenol	BRL		µg/l	1.00						
Phenanthrene	BRL		µg/l	0.050						
Phenanthrene	BRL		µg/l	1.00						
Phenol	BRL		µg/l	1.00						
Pyrene	BRL		µg/l	0.050						
Pyrene	BRL		µg/l	1.00						
Pyridine	BRL		µg/l	1.00						
Hexachlorobenzene	BRL		µg/l	1.00						
1,2,4-Trichlorobenzene	BRL		µg/l	1.00						
Hexachloroethane	BRL		µg/l	1.00						
Pentachlorophenol	BRL		µg/l	1.00						
2,4,5-Trichlorophenol	BRL		µg/l	1.00						
2,4,6-Trichlorophenol	BRL		µg/l	1.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
Surrogate: 2-Fluorobiphenyl	*90.3*		µg/l		*100*		*90*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*90.3*		µg/l		*100*		*90*	*30-130*		
Surrogate: 2-Fluorophenol	*93.9*		µg/l		*100*		*94*	*15-110*		
Surrogate: Nitrobenzene-d5	*106*		µg/l		*100*		*106*	*30-130*		
Surrogate: Phenol-d5	*90.0*		µg/l		*100*		*90*	*15-110*		
Surrogate: Terphenyl-dl4	*103*		µg/l		*100*		*103*	*30-130*		
Surrogate: Terphenyl-dl4	*103*		µg/l		*100*		*103*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*71.7*		µg/l		*100*		*72*	*15-110*		
LCS (7031070-BS1)										
Prepared & Analyzed: 20-Mar-07										

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031070 - SW846 3510C										
LCS (7031070-BS1)										
Prepared & Analyzed: 20-Mar-07										
Acenaphthene	82.8		µg/l	1.00	100		83	40-140		
Acenaphthene	82.8		µg/l	0.050	100		83	40-140		
Acenaphthylene	92.1		µg/l	0.400	100		92	40-140		
Acenaphthylene	92.1		µg/l	0.050	100		92	40-140		
1-Methylnaphthalene	85.7		µg/l	1.00	100		86	40-140		
1-Methylnaphthalene	85.7		µg/l	0.050	100		86	40-140		
Aniline	113		µg/l	1.00	100		113	40-140		
Anthracene	91.6		µg/l	1.00	100		92	40-140		
Anthracene	91.6		µg/l	0.050	100		92	40-140		
Atrazine	134		µg/l	1.00	100		134	0-200		
Azobenzene/Diphenyldiazine	106		µg/l	1.00	100		106	40-140		
Benzidine	126		µg/l	1.00	100		126	40-140		
Benzo (a) anthracene	83.5		µg/l	0.050	100		84	40-140		
Benzo (a) anthracene	83.5		µg/l	0.200	100		84	40-140		
Benzo (a) pyrene	92.8		µg/l	0.050	100		93	40-140		
Benzo (a) pyrene	92.8		µg/l	0.200	100		93	40-140		
Benzo (b) fluoranthene	82.6		µg/l	0.050	100		83	40-140		
Benzo (b) fluoranthene	82.6		µg/l	0.200	100		83	40-140		
Benzo (g,h,i) perylene	69.1		µg/l	0.050	100		69	40-140		
Benzo (g,h,i) perylene	69.1		µg/l	1.00	100		69	40-140		
Benzo (k) fluoranthene	105		µg/l	0.050	100		105	40-140		
Benzo (k) fluoranthene	105		µg/l	0.300	100		105	40-140		
Benzoic acid	85.8		µg/l	1.00	100		86	30-130		
Benzyl alcohol	84.6		µg/l	1.00	100		85	40-140		
Bis(2-chloroethoxy)methane	92.3		µg/l	1.00	100		92	40-140		
Bis(2-chloroethyl)ether	95.2		µg/l	1.00	100		95	40-140		
Bis(2-chloroisopropyl)ether	61.8		µg/l	1.00	100		62	40-140		
Bis(2-ethylhexyl)phthalate	101		µg/l	1.00	100		101	40-140		
4-Bromophenyl phenyl ether	84.0		µg/l	1.00	100		84	40-140		
Butyl benzyl phthalate	101		µg/l	1.00	100		101	40-140		
Carbazole	129		µg/l	1.00	100		129	40-140		
4-Chloro-3-methylphenol	88.2		µg/l	1.00	100		88	30-130		
4-Chloroaniline	83.2		µg/l	1.00	100		83	40-140		
2-Chloronaphthalene	87.0		µg/l	1.00	100		87	40-140		
2-Chlorophenol	72.5		µg/l	1.00	100		72	30-130		
4-Chlorophenyl phenyl ether	82.9		µg/l	1.00	100		83	40-140		
Chrysene	89.1		µg/l	1.00	100		89	40-140		
Chrysene	89.1		µg/l	0.050	100		89	40-140		
Dibenzo (a,h) anthracene	86.7		µg/l	0.200	100		87	40-140		
Dibenzo (a,h) anthracene	86.7		µg/l	0.050	100		87	40-140		
Dibenzofuran	87.7		µg/l	1.00	100		88	40-140		
1,2-Dichlorobenzene	77.0		µg/l	1.00	100		77	40-140		
1,3-Dichlorobenzene	69.4		µg/l	1.00	100		69	40-140		
1,4-Dichlorobenzene	79.1		µg/l	1.00	100		79	40-140		
3,3'-Dichlorobenzidine	94.9		µg/l	1.00	100		95	40-140		
2,4-Dichlorophenol	80.0		µg/l	1.00	100		80	30-130		
Diethyl phthalate	90.9		µg/l	1.00	100		91	40-140		
Dimethyl phthalate	86.8		µg/l	1.00	100		87	40-140		
2,4-Dimethylphenol	79.3		µg/l	1.00	100		79	30-130		
Di-n-butyl phthalate	90.9		µg/l	1.00	100		91	40-140		
4,6-Dinitro-2-methylphenol	72.7		µg/l	1.00	100		73	30-130		
2,4-Dinitrophenol	84.6		µg/l	1.00	100		85	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 7031070 - SW846 3510C										
LCS (7031070-BS1)										
Prepared & Analyzed: 20-Mar-07										
2,4-Dinitrotoluene	95.6		µg/l	1.00	100		96	40-140		
2,6-Dinitrotoluene	94.3		µg/l	1.00	100		94	40-140		
Di-n-octyl phthalate	118		µg/l	1.00	100		118	40-140		
Fluoranthene	83.0		µg/l	1.00	100		83	40-140		
Fluoranthene	83.0		µg/l	0.050	100		83	40-140		
Fluorene	84.5		µg/l	0.050	100		84	40-140		
Fluorene	84.5		µg/l	1.00	100		84	40-140		
Hexachlorobenzene	80.5		µg/l	1.00	100		80	40-140		
Hexachlorobutadiene	79.4		µg/l	0.600	100		79	40-140		
Hexachlorocyclopentadiene	71.6		µg/l	1.00	100		72	40-140		
Hexachloroethane	75.0		µg/l	1.00	100		75	40-140		
Indeno (1,2,3-cd) pyrene	59.7		µg/l	0.050	100		60	40-140		
Indeno (1,2,3-cd) pyrene	59.7		µg/l	0.200	100		60	40-140		
Isophorone	93.8		µg/l	1.00	100		94	40-140		
2-Methylnaphthalene	89.3		µg/l	1.00	100		89	40-140		
2-Methylnaphthalene	89.3		µg/l	0.050	100		89	40-140		
2-Methylphenol	74.8		µg/l	1.00	100		75	40-140		
3,4-Methylphenol	75.4		µg/l	10.0	100		75	40-130		
Naphthalene	84.8		µg/l	0.050	100		85	40-140		
Naphthalene	84.8		µg/l	1.00	100		85	40-140		
2-Nitroaniline	90.9		µg/l	1.00	100		91	40-140		
3-Nitroaniline	89.6		µg/l	1.00	100		90	40-140		
4-Nitroaniline	115		µg/l	1.00	100		115	40-140		
Nitrobenzene	102		µg/l	1.00	100		102	40-140		
2-Nitrophenol	80.7		µg/l	1.00	100		81	30-130		
4-Nitrophenol	59.0		µg/l	1.00	100		59	30-130		
N-Nitrosodimethylamine	82.5		µg/l	1.00	100		82	40-140		
N-Nitrosodi-n-propylamine	41.5		µg/l	1.00	100		42	40-140		
N-Nitrosodiphenylamine	101		µg/l	1.00	100		101	40-140		
Pentachlorophenol	74.0		µg/l	1.00	100		74	30-130		
Phenanthrene	80.4		µg/l	1.00	100		80	40-140		
Phenanthrene	80.4		µg/l	0.050	100		80	40-140		
Phenol	82.5		µg/l	1.00	100		82	30-130		
Pyrene	86.8		µg/l	0.050	100		87	40-140		
Pyrene	86.8		µg/l	1.00	100		87	40-140		
Pyridine	85.9		µg/l	1.00	100		86	40-140		
Hexachlorobenzene	80.5		µg/l	1.00	100		80	40-140		
Hexachloroethane	75.0		µg/l	1.00	100		75	40-140		
1,2,4-Trichlorobenzene	84.2		µg/l	1.00	100		84	40-140		
2,4,5-Trichlorophenol	92.1		µg/l	1.00	100		92	30-130		
Pentachlorophenol	74.0		µg/l	1.00	100		74	30-130		
Hexachlorobutadiene	79.4		µg/l	0.500	100		79	40-140		
2,4,6-Trichlorophenol	68.5		µg/l	1.00	100		68	30-130		
Surrogate: 2-Fluorobiphenyl	*91.8*		µg/l		*100*		*92*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*91.8*		µg/l		*100*		*92*	*30-130*		
Surrogate: 2-Fluorophenol	*71.7*		µg/l		*100*		*72*	*15-110*		
Surrogate: Nitrobenzene-d5	*110*		µg/l		*100*		*110*	*30-130*		
Surrogate: Phenol-d5	*75.5*		µg/l		*100*		*76*	*15-110*		
Surrogate: Terphenyl-dl4	*97.2*		µg/l		*100*		*97*	*30-130*		
Surrogate: Terphenyl-dl4	*97.2*		µg/l		*100*		*97*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*83.5*		µg/l		*100*		*84*	*15-110*		
Batch 7031278 - SW846 3550B										
Blank (7031278-BLK1)										

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031278 - SW846 3550B										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Acenaphthene	BRL		µg/kg wet	330						
Acenaphthylene	BRL		µg/kg wet	330						
Aniline	BRL		µg/kg wet	330						
Anthracene	BRL		µg/kg wet	330						
Atrazine	BRL		µg/kg wet	330						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	330						
Benzidine	BRL		µg/kg wet	330						
Benzo (a) anthracene	BRL		µg/kg wet	330						
Benzo (a) pyrene	BRL		µg/kg wet	330						
Benzo (b) fluoranthene	BRL		µg/kg wet	330						
Benzo (g,h,i) perylene	BRL		µg/kg wet	330						
Benzo (k) fluoranthene	BRL		µg/kg wet	330						
Benzoic acid	BRL		µg/kg wet	330						
Benzyl alcohol	BRL		µg/kg wet	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	330						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	330						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	330						
Butyl benzyl phthalate	BRL		µg/kg wet	330						
Carbazole	BRL		µg/kg wet	330						
4-Chloro-3-methylphenol	BRL		µg/kg wet	330						
4-Chloroaniline	BRL		µg/kg wet	330						
2-Chloronaphthalene	BRL		µg/kg wet	330						
2-Chlorophenol	BRL		µg/kg wet	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	330						
Chrysene	BRL		µg/kg wet	330						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	330						
Dibenzofuran	BRL		µg/kg wet	330						
1,2-Dichlorobenzene	BRL		µg/kg wet	330						
1,3-Dichlorobenzene	BRL		µg/kg wet	330						
1,4-Dichlorobenzene	BRL		µg/kg wet	330						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	330						
2,4-Dichlorophenol	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,4-Dimethylphenol	BRL		µg/kg wet	330						
Di-n-butyl phthalate	BRL		µg/kg wet	330						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	330						
2,4-Dinitrophenol	BRL		µg/kg wet	330						
2,4-Dinitrotoluene	BRL		µg/kg wet	330						
2,6-Dinitrotoluene	BRL		µg/kg wet	330						
Di-n-octyl phthalate	BRL		µg/kg wet	330						
Fluoranthene	BRL		µg/kg wet	330						
Fluorene	BRL		µg/kg wet	330						
Hexachlorobenzene	BRL		µg/kg wet	330						
Hexachlorobutadiene	BRL		µg/kg wet	330						
Hexachlorocyclopentadiene	BRL		µg/kg wet	330						
Hexachloroethane	BRL		µg/kg wet	330						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
1-Methylnaphthalene	BRL		µg/kg wet	330						
Isophorone	BRL		µg/kg wet	330						
2-Methylnaphthalene	BRL		µg/kg wet	330						
2-Methylphenol	BRL		µg/kg wet	330						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031278 - SW846 3550B										
Blank (7031278-BLK1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
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	*5320*		µg/kg wet		*6670*		*80*	*30-130*		
Surrogate: 2-Fluorophenol	*5260*		µg/kg wet		*6670*		*79*	*15-110*		
Surrogate: Nitrobenzene-d5	*6490*		µg/kg wet		*6670*		*97*	*30-130*		
Surrogate: Phenol-d5	*5140*		µg/kg wet		*6670*		*77*	*15-110*		
Surrogate: Terphenyl-dl4	*6290*		µg/kg wet		*6670*		*94*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3900*		µg/kg wet		*6670*		*58*	*15-110*		
LCS (7031278-BS1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Acenaphthene	5350		µg/kg wet	330	6670		80	40-130		
Acenaphthylene	5910		µg/kg wet	330	6670		89	40-130		
Aniline	6690		µg/kg wet	330	6670		100	40-130		
Anthracene	5970		µg/kg wet	330	6670		90	40-130		
Atrazine	7500		µg/kg wet	330	6670		112	40-130		
Azobenzene/Diphenyldiazine	6850		µg/kg wet	330	6670		103	40-130		
Benzidine	BRL		µg/kg wet	330	6670			0-130		
Benzo (a) anthracene	5160		µg/kg wet	330	6670		77	40-130		
Benzo (a) pyrene	5700		µg/kg wet	330	6670		85	40-130		
Benzo (b) fluoranthene	5110		µg/kg wet	330	6670		77	40-130		
Benzo (g,h,i) perylene	4550		µg/kg wet	330	6670		68	40-130		
Benzo (k) fluoranthene	6110		µg/kg wet	330	6670		92	40-130		
Benzoic acid	5480		µg/kg wet	330	6670		82	0-130		
Benzyl alcohol	5280		µg/kg wet	330	6670		79	40-130		
Bis(2-chloroethoxy)methane	5780		µg/kg wet	330	6670		87	40-130		
Bis(2-chloroethyl)ether	6170		µg/kg wet	330	6670		93	40-130		
Bis(2-chloroisopropyl)ether	5170		µg/kg wet	330	6670		78	40-130		
Bis(2-ethylhexyl)phthalate	6360		µg/kg wet	330	6670		95	40-130		
4-Bromophenyl phenyl ether	5170		µg/kg wet	330	6670		78	40-130		
Butyl benzyl phthalate	6190		µg/kg wet	330	6670		93	40-130		
Carbazole	7860		µg/kg wet	330	6670		118	40-130		
4-Chloro-3-methylphenol	5520		µg/kg wet	330	6670		83	40-130		
4-Chloroaniline	5040		µg/kg wet	330	6670		76	40-130		
2-Chloronaphthalene	5490		µg/kg wet	330	6670		82	40-130		
2-Chlorophenol	4530		µg/kg wet	330	6670		68	40-130		
4-Chlorophenyl phenyl ether	5490		µg/kg wet	330	6670		82	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031278 - SW846 3550B										
LCS (7031278-BS1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Chrysene	5600		µg/kg wet	330	6670		84	40-130		
Dibenzo (a,h) anthracene	5270		µg/kg wet	330	6670		79	40-130		
Dibenzofuran	5610		µg/kg wet	330	6670		84	40-130		
1,2-Dichlorobenzene	4880		µg/kg wet	330	6670		73	40-130		
1,3-Dichlorobenzene	4220		µg/kg wet	330	6670		63	40-130		
1,4-Dichlorobenzene	5150		µg/kg wet	330	6670		77	40-130		
3,3'-Dichlorobenzidine	5800		µg/kg wet	330	6670		87	40-130		
2,4-Dichlorophenol	4950		µg/kg wet	330	6670		74	40-130		
Diethyl phthalate	5690		µg/kg wet	330	6670		85	40-130		
Dimethyl phthalate	5350		µg/kg wet	330	6670		80	40-130		
2,4-Dimethylphenol	4810		µg/kg wet	330	6670		72	40-130		
Di-n-butyl phthalate	5810		µg/kg wet	330	6670		87	40-130		
4,6-Dinitro-2-methylphenol	4410		µg/kg wet	330	6670		66	40-130		
2,4-Dinitrophenol	5070		µg/kg wet	330	6670		76	40-130		
2,4-Dinitrotoluene	5670		µg/kg wet	330	6670		85	40-130		
2,6-Dinitrotoluene	5990		µg/kg wet	330	6670		90	40-130		
Di-n-octyl phthalate	7520		µg/kg wet	330	6670		113	40-130		
Fluoranthene	5080		µg/kg wet	330	6670		76	40-130		
Fluorene	5540		µg/kg wet	330	6670		83	40-130		
Hexachlorobenzene	5000		µg/kg wet	330	6670		75	40-130		
Hexachlorobutadiene	5020		µg/kg wet	330	6670		75	40-130		
Hexachlorocyclopentadiene	4520		µg/kg wet	330	6670		68	40-130		
Hexachloroethane	5010		µg/kg wet	330	6670		75	40-130		
Indeno (1,2,3-cd) pyrene	4690		µg/kg wet	330	6670		70	40-130		
Isophorone	5890		µg/kg wet	330	6670		88	40-130		
1-Methylnaphthalene	5470		µg/kg wet	330	6670		82	40-140		
2-Methylnaphthalene	5630		µg/kg wet	330	6670		84	40-130		
2-Methylphenol	4730		µg/kg wet	330	6670		71	40-130		
3,4-Methylphenol	4870		µg/kg wet	330	6670		73	40-130		
Naphthalene	5520		µg/kg wet	330	6670		83	40-130		
2-Nitroaniline	5640		µg/kg wet	330	6670		85	40-130		
3-Nitroaniline	5780		µg/kg wet	330	6670		87	40-130		
4-Nitroaniline	7520		µg/kg wet	1320	6670		113	40-130		
Nitrobenzene	6330		µg/kg wet	330	6670		95	40-130		
2-Nitrophenol	4970		µg/kg wet	330	6670		75	40-130		
4-Nitrophenol	3760		µg/kg wet	1320	6670		56	40-130		
N-Nitrosodimethylamine	5150		µg/kg wet	330	6670		77	40-130		
N-Nitrosodi-n-propylamine	3000		µg/kg wet	330	6670		45	40-130		
N-Nitrosodiphenylamine	6470		µg/kg wet	330	6670		97	40-130		
Pentachlorophenol	4540		µg/kg wet	330	6670		68	40-130		
Phenanthrene	5050		µg/kg wet	330	6670		76	40-130		
Phenol	5210		µg/kg wet	330	6670		78	40-130		
Pyrene	5480		µg/kg wet	330	6670		82	40-130		
Pyridine	4020		µg/kg wet	330	6670		60	40-130		
1,2,4-Trichlorobenzene	5220		µg/kg wet	330	6670		78	40-130		
2,4,5-Trichlorophenol	5840		µg/kg wet	330	6670		88	40-130		
2,4,6-Trichlorophenol	4150		µg/kg wet	330	6670		62	40-130		
Surrogate: 2-Fluorobiphenyl	*5610*		µg/kg wet		*6670*		*84*	*30-130*		
Surrogate: 2-Fluorophenol	*4480*		µg/kg wet		*6670*		*67*	*15-110*		
Surrogate: Nitrobenzene-d5	*6560*		µg/kg wet		*6670*		*98*	*30-130*		
Surrogate: Phenol-d5	*4540*		µg/kg wet		*6670*		*68*	*15-110*		
Surrogate: Terphenyl-dl4	*5650*		µg/kg wet		*6670*		*85*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4830*		µg/kg wet		*6670*		*72*	*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 7031278 - SW846 3550B										
Duplicate (7031278-DUP1) **Source: SA59548-02**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Acenaphthene	BRL		µg/kg dry	231		BRL				50
Acenaphthylene	BRL		µg/kg dry	231		BRL				50
Aniline	BRL		µg/kg dry	231		BRL				50
Anthracene	BRL		µg/kg dry	231		BRL				50
Atrazine	BRL		µg/kg dry	231		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	231		BRL				50
Benzidine	BRL		µg/kg dry	231		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	231		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	231		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	231		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	231		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	231		BRL				50
Benzoic acid	BRL		µg/kg dry	231		BRL				50
Benzyl alcohol	BRL		µg/kg dry	231		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	231		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	231		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	231		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	231		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	231		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	231		BRL				50
Carbazole	BRL		µg/kg dry	231		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	231		BRL				50
4-Chloroaniline	BRL		µg/kg dry	231		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	231		BRL				50
2-Chlorophenol	BRL		µg/kg dry	231		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	231		BRL				50
Chrysene	BRL		µg/kg dry	231		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	231		BRL				50
Dibenzofuran	BRL		µg/kg dry	231		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	231		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	231		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	231		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/kg dry	231		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	231		BRL				50
Diethyl phthalate	BRL		µg/kg dry	231		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	231		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	231		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	231		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	231		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	231		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	231		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	231		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	231		BRL				50
Fluoranthene	BRL		µg/kg dry	231		BRL				50
Fluorene	BRL		µg/kg dry	231		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	231		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	231		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	231		BRL				50
Hexachloroethane	BRL		µg/kg dry	231		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	231		BRL				50
Isophorone	BRL		µg/kg dry	231		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	231		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	231		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 7031278 - SW846 3550B										
Duplicate (7031278-DUP1) **Source: SA59548-02**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
2-Methylphenol	BRL		µg/kg dry	231		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	231		BRL				50
Naphthalene	BRL		µg/kg dry	231		BRL				50
2-Nitroaniline	BRL		µg/kg dry	231		BRL				50
3-Nitroaniline	BRL		µg/kg dry	231		BRL				50
4-Nitroaniline	BRL		µg/kg dry	923		BRL				50
Nitrobenzene	BRL		µg/kg dry	231		BRL				50
2-Nitrophenol	BRL		µg/kg dry	231		BRL				50
4-Nitrophenol	BRL		µg/kg dry	231		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	923		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	231		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	231		BRL				50
Pentachlorophenol	BRL		µg/kg dry	231		BRL				50
Phenanthrene	BRL		µg/kg dry	231		BRL				50
Phenol	BRL		µg/kg dry	231		BRL				50
Pyrene	BRL		µg/kg dry	231		BRL				50
Pyridine	BRL		µg/kg dry	231		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	231		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	231		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	231		BRL				50
Surrogate: 2-Fluorobiphenyl	*1480*		µg/kg dry		*2330*		*64*	*30-130*		
Surrogate: 2-Fluorophenol	*1540*		µg/kg dry		*2330*		*66*	*15-110*		
Surrogate: Nitrobenzene-d5	*1800*		µg/kg dry		*2330*		*77*	*30-130*		
Surrogate: Phenol-d5	*1680*		µg/kg dry		*2330*		*72*	*15-110*		
Surrogate: Terphenyl-dl4	*1950*		µg/kg dry		*2330*		*84*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1230*		µg/kg dry		*2330*		*53*	*15-110*		
Matrix Spike (7031278-MS1) **Source: SA59548-02**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Acenaphthene	3210		µg/kg dry	231	4660	BRL	69	40-140		
4-Chloro-3-methylphenol	5900		µg/kg dry	231	9320	BRL	63	30-130		
2-Chlorophenol	5530		µg/kg dry	231	9320	BRL	59	30-130		
1,4-Dichlorobenzene	2930		µg/kg dry	231	4660	BRL	63	40-140		
2,4-Dinitrotoluene	3120		µg/kg dry	231	4660	BRL	67	40-140		
4-Nitrophenol	3740		µg/kg dry	923	9320	BRL	40	30-130		
N-Nitrosodi-n-propylamine	3260		µg/kg dry	231	4660	BRL	70	40-140		
Pentachlorophenol	4430		µg/kg dry	231	9320	BRL	48	30-130		
Phenol	5670		µg/kg dry	231	9320	BRL	61	30-130		
Pyrene	3590		µg/kg dry	231	4660	BRL	77	40-140		
1,2,4-Trichlorobenzene	2710		µg/kg dry	231	4660	BRL	58	40-140		
Surrogate: 2-Fluorobiphenyl	*3190*		µg/kg dry		*4660*		*68*	*30-130*		
Surrogate: 2-Fluorophenol	*2630*		µg/kg dry		*4660*		*56*	*15-110*		
Surrogate: Nitrobenzene-d5	*3750*		µg/kg dry		*4660*		*80*	*30-130*		
Surrogate: Phenol-d5	*2490*		µg/kg dry		*4660*		*53*	*15-110*		
Surrogate: Terphenyl-dl4	*3730*		µg/kg dry		*4660*		*80*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2630*		µg/kg dry		*4660*		*56*	*15-110*		
Matrix Spike Dup (7031278-MSD1) **Source: SA59548-02**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Acenaphthene	3520		µg/kg dry	233	4700	BRL	75	40-140	8	30
4-Chloro-3-methylphenol	6980		µg/kg dry	233	9410	BRL	74	30-130	16	30
2-Chlorophenol	6010		µg/kg dry	233	9410	BRL	64	30-130	8	30
1,4-Dichlorobenzene	3050		µg/kg dry	233	4700	BRL	65	40-140	3	30
2,4-Dinitrotoluene	3460		µg/kg dry	233	4700	BRL	74	40-140	10	30
4-Nitrophenol	3940		µg/kg dry	931	9410	BRL	42	30-130	5	30

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031278 - SW846 3550B										
Matrix Spike Dup (7031278-MSD1) Source: SA59548-02										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
N-Nitrosodi-n-propylamine	4030		µg/kg dry	233	4700	BRL	86	40-140	21	30
Pentachlorophenol	5270		µg/kg dry	233	9410	BRL	56	30-130	15	30
Phenol	6410		µg/kg dry	233	9410	BRL	68	30-130	11	30
Pyrene	4270		µg/kg dry	233	4700	BRL	91	40-140	17	30
1,2,4-Trichlorobenzene	2870		µg/kg dry	233	4700	BRL	61	40-140	5	30
Surrogate: 2-Fluorobiphenyl	*3470*		µg/kg dry		*4700*		*74*	*30-130*		
Surrogate: 2-Fluorophenol	*2820*		µg/kg dry		*4700*		*60*	*15-110*		
Surrogate: Nitrobenzene-d5	*3850*		µg/kg dry		*4700*		*82*	*30-130*		
Surrogate: Phenol-d5	*2840*		µg/kg dry		*4700*		*60*	*15-110*		
Surrogate: Terphenyl-dl4	*4450*		µg/kg dry		*4700*		*95*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2980*		µg/kg dry		*4700*		*63*	*15-110*		
Batch 7031282 - SW846 3550B										
Blank (7031282-BLK1)										
Prepared: 22-Mar-07 Analyzed: 25-Mar-07										
Acenaphthene	BRL		µg/kg	330						
Acenaphthylene	BRL		µg/kg	330						
Aniline	BRL		µg/kg	330						
Anthracene	BRL		µg/kg	330						
Atrazine	BRL		µg/kg	330						
Azobenzene/Diphenyldiazine	BRL		µg/kg	330						
Benzidine	BRL		µg/kg	330						
Benzo (a) anthracene	BRL		µg/kg	330						
Benzo (a) pyrene	BRL		µg/kg	330						
Benzo (b) fluoranthene	BRL		µg/kg	330						
Benzo (g,h,i) perylene	BRL		µg/kg	330						
Benzo (k) fluoranthene	BRL		µg/kg	330						
Benzoic acid	BRL		µg/kg	330						
Benzyl alcohol	BRL		µg/kg	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg	330						
Bis(2-chloroethyl)ether	BRL		µg/kg	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg	330						
4-Bromophenyl phenyl ether	BRL		µg/kg	330						
Butyl benzyl phthalate	BRL		µg/kg	330						
Carbazole	BRL		µg/kg	330						
4-Chloro-3-methylphenol	BRL		µg/kg	330						
4-Chloroaniline	BRL		µg/kg	330						
2-Chloronaphthalene	BRL		µg/kg	330						
2-Chlorophenol	BRL		µg/kg	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg	330						
Chrysene	BRL		µg/kg	330						
Dibenzo (a,h) anthracene	BRL		µg/kg	330						
Dibenzofuran	BRL		µg/kg	330						
1,2-Dichlorobenzene	BRL		µg/kg	330						
1,3-Dichlorobenzene	BRL		µg/kg	330						
1,4-Dichlorobenzene	BRL		µg/kg	330						
3,3'-Dichlorobenzidine	BRL		µg/kg	330						
2,4-Dichlorophenol	BRL		µg/kg	330						
Diethyl phthalate	BRL		µg/kg	330						
Dimethyl phthalate	BRL		µg/kg	330						
2,4-Dimethylphenol	BRL		µg/kg	330						
Di-n-butyl phthalate	BRL		µg/kg	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 7031282 - SW846 3550B										
Blank (7031282-BLK1)										
Prepared: 22-Mar-07 Analyzed: 25-Mar-07										
4,6-Dinitro-2-methylphenol	BRL		µg/kg	330						
2,4-Dinitrophenol	BRL		µg/kg	330						
2,4-Dinitrotoluene	BRL		µg/kg	330						
2,6-Dinitrotoluene	BRL		µg/kg	330						
Di-n-octyl phthalate	BRL		µg/kg	330						
Fluoranthene	BRL		µg/kg	330						
Fluorene	BRL		µg/kg	330						
Hexachlorobenzene	BRL		µg/kg	330						
Hexachlorobutadiene	BRL		µg/kg	330						
Hexachlorocyclopentadiene	BRL		µg/kg	330						
Hexachloroethane	BRL		µg/kg	330						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg	330						
1-Methylnaphthalene	BRL		µg/kg	330						
Isophorone	BRL		µg/kg	330						
2-Methylnaphthalene	BRL		µg/kg	330						
2-Methylphenol	BRL		µg/kg	330						
3,4-Methylphenol	BRL		µg/kg	330						
Naphthalene	BRL		µg/kg	330						
2-Nitroaniline	BRL		µg/kg	330						
3-Nitroaniline	BRL		µg/kg	330						
4-Nitroaniline	BRL		µg/kg	1320						
Nitrobenzene	BRL		µg/kg	330						
2-Nitrophenol	BRL		µg/kg	330						
4-Nitrophenol	BRL		µg/kg	1320						
N-Nitrosodimethylamine	BRL		µg/kg	330						
N-Nitrosodi-n-propylamine	BRL		µg/kg	330						
N-Nitrosodiphenylamine	BRL		µg/kg	330						
Pentachlorophenol	BRL		µg/kg	330						
Phenanthrene	BRL		µg/kg	330						
Phenol	BRL		µg/kg	330						
Pyrene	BRL		µg/kg	330						
Pyridine	BRL		µg/kg	330						
1,2,4-Trichlorobenzene	BRL		µg/kg	330						
2,4,5-Trichlorophenol	BRL		µg/kg	330						
2,4,6-Trichlorophenol	BRL		µg/kg	330						
Surrogate: 2-Fluorobiphenyl	*9000*		µg/kg		*13300*		*68*	*30-130*		
Surrogate: 2-Fluorophenol	*7190*		µg/kg		*13300*		*54*	*15-110*		
Surrogate: Nitrobenzene-d5	*7890*		µg/kg		*13300*		*59*	*30-130*		
Surrogate: Phenol-d5	*7230*		µg/kg		*13300*		*54*	*15-110*		
Surrogate: Terphenyl-dl4	*9830*		µg/kg		*13300*		*74*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*7590*		µg/kg		*13300*		*57*	*15-110*		
LCS (7031282-BS1)										
Prepared: 22-Mar-07 Analyzed: 25-Mar-07										
Acenaphthene	5920		µg/kg	330	6670		89	40-130		
Acenaphthylene	5260		µg/kg	330	6670		79	40-130		
Aniline	BRL	QC2	µg/kg	330	6670			40-130		
Anthracene	6310		µg/kg	330	6670		95	40-130		
Atrazine	5390		µg/kg	330	6670		81	40-130		
Azobenzene/Diphenyldiazine	5490		µg/kg	330	6670		82	40-130		
Benzidine	BRL		µg/kg	330	6670			0-130		
Benzo (a) anthracene	4300		µg/kg	330	6670		64	40-130		
Benzo (a) pyrene	5850		µg/kg	330	6670		88	40-130		
Benzo (b) fluoranthene	4470		µg/kg	330	6670		67	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 7031282 - SW846 3550B										
LCS (7031282-BS1)										
Prepared: 22-Mar-07 Analyzed: 25-Mar-07										
Benzo (g,h,i) perylene	4660		µg/kg	330	6670		70	40-130		
Benzo (k) fluoranthene	7300		µg/kg	330	6670		109	40-130		
Benzoic acid	3890		µg/kg	330	6670		58	0-130		
Benzyl alcohol	1380	QC2	µg/kg	330	6670		21	40-130		
Bis(2-chloroethoxy)methane	3390		µg/kg	330	6670		51	40-130		
Bis(2-chloroethyl)ether	5810		µg/kg	330	6670		87	40-130		
Bis(2-chloroisopropyl)ether	3730		µg/kg	330	6670		56	40-130		
Bis(2-ethylhexyl)phthalate	5630		µg/kg	330	6670		84	40-130		
4-Bromophenyl phenyl ether	5590		µg/kg	330	6670		84	40-130		
Butyl benzyl phthalate	5550		µg/kg	330	6670		83	40-130		
Carbazole	5490		µg/kg	330	6670		82	40-130		
4-Chloro-3-methylphenol	5030		µg/kg	330	6670		75	40-130		
4-Chloroaniline	2820		µg/kg	330	6670		42	40-130		
2-Chloronaphthalene	5490		µg/kg	330	6670		82	40-130		
2-Chlorophenol	4120		µg/kg	330	6670		62	40-130		
4-Chlorophenyl phenyl ether	6500		µg/kg	330	6670		97	40-130		
Chrysene	6330		µg/kg	330	6670		95	40-130		
Dibenzo (a,h) anthracene	4090		µg/kg	330	6670		61	40-130		
Dibenzofuran	6030		µg/kg	330	6670		90	40-130		
1,2-Dichlorobenzene	7130		µg/kg	330	6670		107	40-130		
1,3-Dichlorobenzene	3210		µg/kg	330	6670		48	40-130		
1,4-Dichlorobenzene	7070		µg/kg	330	6670		106	40-130		
3,3'-Dichlorobenzidine	5710		µg/kg	330	6670		86	40-130		
2,4-Dichlorophenol	4310		µg/kg	330	6670		65	40-130		
Diethyl phthalate	5160		µg/kg	330	6670		77	40-130		
Dimethyl phthalate	5020		µg/kg	330	6670		75	40-130		
2,4-Dimethylphenol	3930		µg/kg	330	6670		59	40-130		
Di-n-butyl phthalate	5510		µg/kg	330	6670		83	40-130		
4,6-Dinitro-2-methylphenol	3690		µg/kg	330	6670		55	40-130		
2,4-Dinitrophenol	5640		µg/kg	330	6670		85	40-130		
2,4-Dinitrotoluene	5190		µg/kg	330	6670		78	40-130		
2,6-Dinitrotoluene	5710		µg/kg	330	6670		86	40-130		
Di-n-octyl phthalate	6250		µg/kg	330	6670		94	40-130		
Fluoranthene	5790		µg/kg	330	6670		87	40-130		
Fluorene	5700		µg/kg	330	6670		85	40-130		
Hexachlorobenzene	6810		µg/kg	330	6670		102	40-130		
Hexachlorobutadiene	7410		µg/kg	330	6670		111	40-130		
Hexachlorocyclopentadiene	2670		µg/kg	330	6670		40	40-130		
Hexachloroethane	6330		µg/kg	330	6670		95	40-130		
Indeno (1,2,3-cd) pyrene	4090		µg/kg	330	6670		61	40-130		
1-Methylnaphthalene	6130		µg/kg	330	6670		92	40-140		
Isophorone	5550		µg/kg	330	6670		83	40-130		
2-Methylnaphthalene	4810		µg/kg	330	6670		72	40-130		
2-Methylphenol	3340		µg/kg	330	6670		50	40-130		
3,4-Methylphenol	4550		µg/kg	330	6670		68	40-130		
Naphthalene	5810		µg/kg	330	6670		87	40-130		
2-Nitroaniline	5120		µg/kg	330	6670		77	40-130		
3-Nitroaniline	2890		µg/kg	330	6670		43	40-130		
4-Nitroaniline	6010		µg/kg	1320	6670		90	40-130		
Nitrobenzene	3600		µg/kg	330	6670		54	40-130		
2-Nitrophenol	4050		µg/kg	330	6670		61	40-130		
4-Nitrophenol	5050		µg/kg	1320	6670		76	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 7031282 - SW846 3550B										
LCS (7031282-BS1)										
Prepared: 22-Mar-07 Analyzed: 25-Mar-07										
N-Nitrosodimethylamine	5250		µg/kg	330	6670		79	40-130		
N-Nitrosodi-n-propylamine	3450		µg/kg	330	6670		52	40-130		
N-Nitrosodiphenylamine	6090		µg/kg	330	6670		91	40-130		
Pentachlorophenol	3690		µg/kg	330	6670		55	40-130		
Phenanthrene	3970		µg/kg	330	6670		60	40-130		
Phenol	4470		µg/kg	330	6670		67	40-130		
Pyrene	6170		µg/kg	330	6670		93	40-130		
Pyridine	6190		µg/kg	330	6670		93	40-130		
1,2,4-Trichlorobenzene	6410		µg/kg	330	6670		96	40-130		
2,4,5-Trichlorophenol	5730		µg/kg	330	6670		86	40-130		
2,4,6-Trichlorophenol	3250		µg/kg	330	6670		49	40-130		
Surrogate: 2-Fluorobiphenyl	*6960*		µg/kg		*6670*		*104*	*30-130*		
Surrogate: 2-Fluorophenol	*4580*		µg/kg		*6670*		*69*	*15-110*		
Surrogate: Nitrobenzene-d5	*3930*		µg/kg		*6670*		*59*	*30-130*		
Surrogate: Phenol-d5	*4670*		µg/kg		*6670*		*70*	*15-110*		
Surrogate: Terphenyl-dl4	*6670*		µg/kg		*6670*		*100*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*6280*		µg/kg		*6670*		*94*	*15-110*		
Duplicate (7031282-DUP1) **Source: SA59464-10**										
Prepared: 22-Mar-07 Analyzed: 25-Mar-07										
Acenaphthene	BRL		µg/kg	639		BRL				50
Acenaphthylene	BRL		µg/kg	639		BRL				50
Aniline	BRL		µg/kg	639		BRL				50
Anthracene	BRL		µg/kg	639		BRL				50
Atrazine	BRL		µg/kg	639		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg	639		BRL				50
Benzidine	BRL		µg/kg	639		BRL				50
Benzo (a) anthracene	BRL		µg/kg	639		BRL				50
Benzo (a) pyrene	BRL		µg/kg	639		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg	639		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg	639		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg	639		BRL				50
Benzoic acid	BRL		µg/kg	639		BRL				50
Benzyl alcohol	BRL		µg/kg	639		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg	639		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg	639		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg	639		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg	639		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg	639		BRL				50
Butyl benzyl phthalate	BRL		µg/kg	639		BRL				50
Carbazole	BRL		µg/kg	639		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg	639		BRL				50
4-Chloroaniline	BRL		µg/kg	639		BRL				50
2-Chloronaphthalene	BRL		µg/kg	639		BRL				50
2-Chlorophenol	BRL		µg/kg	639		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg	639		BRL				50
Chrysene	BRL		µg/kg	639		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg	639		BRL				50
Dibenzofuran	BRL		µg/kg	639		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg	639		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg	639		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg	639		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/kg	639		BRL				50
2,4-Dichlorophenol	BRL		µg/kg	639		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 7031282 - SW846 3550B										
Duplicate (7031282-DUP1) **Source: SA59464-10**										
Prepared: 22-Mar-07 Analyzed: 25-Mar-07										
Diethyl phthalate	BRL		µg/kg	639		BRL				50
Dimethyl phthalate	BRL		µg/kg	639		BRL				50
2,4-Dimethylphenol	BRL		µg/kg	639		BRL				50
Di-n-butyl phthalate	BRL		µg/kg	639		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg	639		BRL				50
2,4-Dinitrophenol	BRL		µg/kg	639		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg	639		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg	639		BRL				50
Di-n-octyl phthalate	BRL		µg/kg	639		BRL				50
Fluoranthene	BRL		µg/kg	639		BRL				50
Fluorene	BRL		µg/kg	639		BRL				50
Hexachlorobenzene	BRL		µg/kg	639		BRL				50
Hexachlorobutadiene	BRL		µg/kg	639		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg	639		BRL				50
Hexachloroethane	BRL		µg/kg	639		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg	639		BRL				50
1-Methylnaphthalene	BRL		µg/kg	639		BRL				50
Isophorone	BRL		µg/kg	639		BRL				50
2-Methylnaphthalene	BRL		µg/kg	639		BRL				50
2-Methylphenol	BRL		µg/kg	639		BRL				50
3,4-Methylphenol	BRL		µg/kg	639		BRL				50
Naphthalene	BRL		µg/kg	639		BRL				50
2-Nitroaniline	BRL		µg/kg	639		BRL				50
3-Nitroaniline	BRL		µg/kg	639		BRL				50
4-Nitroaniline	BRL		µg/kg	2560		BRL				50
Nitrobenzene	BRL		µg/kg	639		BRL				50
2-Nitrophenol	BRL		µg/kg	639		BRL				50
4-Nitrophenol	BRL		µg/kg	2560		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg	639		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg	639		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg	639		BRL				50
Pentachlorophenol	BRL		µg/kg	639		BRL				50
Phenanthrene	BRL		µg/kg	639		BRL				50
Phenol	BRL		µg/kg	639		BRL				50
Pyrene	BRL		µg/kg	639		BRL				50
Pyridine	BRL		µg/kg	639		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg	639		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg	639		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg	639		BRL				50
Surrogate: 2-Fluorobiphenyl	*5310*		µg/kg		*12900*		*41*	*30-130*		
Surrogate: 2-Fluorophenol	*3030*		µg/kg		*12900*		*23*	*15-110*		
Surrogate: Nitrobenzene-d5	*4320*		µg/kg		*12900*		*33*	*30-130*		
Surrogate: Phenol-d5	*3850*		µg/kg		*12900*		*30*	*15-110*		
Surrogate: Terphenyl-dl4	*5740*		µg/kg		*12900*		*44*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3270*		µg/kg		*12900*		*25*	*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 7031306 - EPA200/SW7000 Series										
Blank (7031306-BLK1)										
Prepared: 23-Mar-07 Analyzed: 26-Mar-07										
Mercury	BRL		mg/kg wet	0.0292						
Duplicate (7031306-DUP1) **Source: SA59442-02**										
Prepared: 23-Mar-07 Analyzed: 26-Mar-07										
Mercury	0.0733	QR5	mg/kg dry	0.0345		0.107			37	20
Matrix Spike (7031306-MS1) **Source: SA59464-02**										
Prepared: 23-Mar-07 Analyzed: 26-Mar-07										
Mercury	0.604		mg/kg dry	0.0333	0.463	0.190	89	75-125		
Reference (7031306-SRM1)										
Prepared: 23-Mar-07 Analyzed: 26-Mar-07										
Mercury	1.00		mg/kg wet	0.0300	1.13		88	65.9-132.6		
Batch 7031311 - EPA200/SW7000 Series										
Blank (7031311-BLK1)										
Prepared & Analyzed: 26-Mar-07										
Mercury	BRL		mg/kg	0.0292						
Duplicate (7031311-DUP1) **Source: SA59464-09**										
Prepared & Analyzed: 26-Mar-07										
Mercury	BRL		mg/kg	0.0299		BRL				20
Matrix Spike (7031311-MS1) **Source: SA59464-10**										
Prepared & Analyzed: 26-Mar-07										
Mercury	0.350		mg/kg	0.0298	0.414	BRL	85	75-125		
Reference (7031311-SRM1)										
Prepared & Analyzed: 26-Mar-07										
Mercury	1.24		mg/kg	0.0300	1.12		111	65.9-132.6		
Batch 7031315 - SW846 3005A										
Blank (7031315-BLK1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Barium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
LCS (7031315-BS1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Lead	0.484		mg/l	0.0075	0.500		97	85-115		
Selenium	0.470		mg/l	0.0150	0.500		94	85-115		
Chromium	0.485		mg/l	0.0050	0.500		97	85-115		
Arsenic	0.472		mg/l	0.0040	0.500		94	85-115		
Barium	0.523		mg/l	0.0050	0.500		105	85-115		
Silver	0.435		mg/l	0.0050	0.500		87	85-115		
Cadmium	0.498		mg/l	0.0025	0.500		100	85-115		
LCS Dup (7031315-BSD1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Lead	0.489		mg/l	0.0075	0.500		98	85-115	1	20
Selenium	0.482		mg/l	0.0150	0.500		96	85-115	3	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 7031315 - SW846 3005A										
LCS Dup (7031315-BSD1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Chromium	0.491		mg/l	0.0050	0.500		98	85-115	1	20
Silver	0.439		mg/l	0.0050	0.500		88	85-115	0.9	20
Arsenic	0.490		mg/l	0.0040	0.500		98	85-115	4	20
Barium	0.583	QC3	mg/l	0.0050	0.500		117	85-115	11	20
Cadmium	0.515		mg/l	0.0025	0.500		103	85-115	3	20
Duplicate (7031315-DUP1) **Source: SA59424-01**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Lead	BRL		mg/l	0.0075		0.0023				20
Selenium	BRL		mg/l	0.0150		0.0066				20
Silver	BRL		mg/l	0.0050		0.0046				20
Arsenic	0.0060		mg/l	0.0040		0.0065			8	20
Barium	0.0888		mg/l	0.0050		0.0892			0.4	20
Cadmium	BRL		mg/l	0.0025		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Matrix Spike (7031315-MS1) **Source: SA59300-05**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Lead	0.488		mg/l	0.0075	0.500	0.0064	96	75-125		
Selenium	0.480		mg/l	0.0150	0.500	BRL	96	75-125		
Cadmium	0.497		mg/l	0.0025	0.500	0.0016	99	75-125		
Silver	0.440		mg/l	0.0050	0.500	0.0076	86	75-125		
Barium	0.572		mg/l	0.0050	0.500	0.0522	104	75-125		
Arsenic	0.486		mg/l	0.0040	0.500	0.0040	96	75-125		
Chromium	0.490		mg/l	0.0050	0.500	BRL	98	75-125		
Matrix Spike Dup (7031315-MSD1) **Source: SA59300-05**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Selenium	0.481		mg/l	0.0150	0.500	BRL	96	75-125	0.2	20
Lead	0.484		mg/l	0.0075	0.500	0.0064	96	75-125	0.8	20
Chromium	0.489		mg/l	0.0050	0.500	BRL	98	75-125	0.2	20
Silver	0.438		mg/l	0.0050	0.500	0.0076	86	75-125	0.5	20
Cadmium	0.499		mg/l	0.0025	0.500	0.0016	99	75-125	0.4	20
Barium	0.568		mg/l	0.0050	0.500	0.0522	103	75-125	0.7	20
Arsenic	0.486		mg/l	0.0040	0.500	0.0040	96	75-125	0	20
Post Spike (7031315-PS1) **Source: SA59300-05**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Lead	0.514		mg/l	0.0075	0.500	0.0064	102	80-120		
Selenium	0.582		mg/l	0.0150	0.500	BRL	116	80-120		
Barium	0.608		mg/l	0.0050	0.500	0.0522	111	80-120		
Arsenic	0.538		mg/l	0.0040	0.500	0.0040	107	80-120		
Silver	0.446		mg/l	0.0050	0.500	0.0076	88	80-120		
Chromium	0.524		mg/l	0.0050	0.500	BRL	105	80-120		
Cadmium	0.542		mg/l	0.0025	0.500	0.0016	108	80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031263 - EPA 200 Series										
Blank (7031263-BLK1)										
Prepared & Analyzed: 26-Mar-07										
Selenium	BRL		mg/kg	1.48						
Cadmium	BRL		mg/kg	0.246						
Arsenic	BRL		mg/kg	1.48						
Chromium	BRL		mg/kg	0.492						
Barium	BRL		mg/kg	0.492						
Silver	BRL		mg/kg	0.985						
Lead	BRL		mg/kg	0.738						
Duplicate (7031263-DUP1)	**Source: SA59464-09**									
Prepared & Analyzed: 26-Mar-07										
Selenium	BRL		mg/kg	1.40		BRL				35
Arsenic	0.504	J	mg/kg	1.40		0.502			0.4	35
Barium	10.2		mg/kg	0.467		10.8			6	35
Cadmium	0.598		mg/kg	0.233		0.626			5	35
Silver	BRL		mg/kg	0.934		BRL				35
Chromium	1.98		mg/kg	0.467		1.97			0.5	35
Lead	4.75		mg/kg	0.700		5.08			7	35
Matrix Spike (7031263-MS1)	**Source: SA59464-10**									
Prepared & Analyzed: 26-Mar-07										
Selenium	107		mg/kg	1.40	117	0.947	91	70-130		
Cadmium	97.9		mg/kg	0.234	117	0.506	83	70-130		
Arsenic	100		mg/kg	1.40	117	0.590	85	70-130		
Barium	119		mg/kg	0.468	117	13.2	90	70-130		
Lead	97.4		mg/kg	0.701	117	3.78	80	70-130		
Chromium	102		mg/kg	0.468	117	3.22	84	70-130		
Silver	105		mg/kg	0.935	117	BRL	90	70-130		
Matrix Spike (7031263-MS2)	**Source: SA59569-01**									
Prepared & Analyzed: 26-Mar-07										
Selenium	119		mg/kg	1.43	119	0.553	100	70-130		
Barium	160		mg/kg	0.476	119	46.8	95	70-130		
Cadmium	110		mg/kg	0.238	119	1.91	91	70-130		
Silver	110		mg/kg	0.953	119	BRL	92	70-130		
Chromium	118		mg/kg	0.476	119	9.31	91	70-130		
Arsenic	111		mg/kg	1.43	119	1.24	92	70-130		
Lead	386	QM4X	mg/kg	0.715	119	210	148	70-130		
Post Spike (7031263-PS1)	**Source: SA59464-10**									
Prepared & Analyzed: 26-Mar-07										
Selenium	110		mg/kg	1.40	117	0.947	93	85-115		
Barium	118		mg/kg	0.468	117	13.2	90	85-115		
Cadmium	99.8		mg/kg	0.234	117	0.506	85	85-115		
Silver	108		mg/kg	0.935	117	BRL	92	85-115		
Chromium	103		mg/kg	0.468	117	3.22	85	85-115		
Arsenic	103		mg/kg	1.40	117	0.590	88	85-115		
Reference (7031263-SRM1)										
Prepared & Analyzed: 26-Mar-07										
Selenium	80.4		mg/kg	1.50	80.2		100	77.4-122.6		
Arsenic	41.1		mg/kg	1.50	46.0		89	80.8-119.4		
Barium	200		mg/kg	0.500	221		90	82.7-117.3		
Chromium	43.3		mg/kg	0.500	50.7		85	78.9-120.5		
Lead	39.6		mg/kg	0.750	46.0		86	81.8-118.1		
Cadmium	30.3		mg/kg	0.250	32.6		93	82.1-117.9		

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 7031263 - EPA 200 Series										
Reference (7031263-SRM1)										
Prepared & Analyzed: 26-Mar-07										
Silver	40.2		mg/kg	1.00	42.2		95	66.3-133.6		
Batch 7031305 - EPA 200 Series										
Blank (7031305-BLK1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Silver	BRL		mg/kg wet	0.936						
Selenium	BRL		mg/kg wet	1.40						
Lead	BRL		mg/kg wet	0.936						
Arsenic	BRL		mg/kg wet	1.40						
Cadmium	BRL		mg/kg wet	0.234						
Chromium	BRL		mg/kg wet	0.468						
Barium	BRL		mg/kg wet	0.468						
Duplicate (7031305-DUP1) **Source: SA59442-02**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Selenium	BRL		mg/kg dry	1.58		BRL				35
Silver	0.858	J,QR4	mg/kg dry	1.05		1.37			46	35
Arsenic	6.74	QR1	mg/kg dry	1.58		13.1			64	35
Lead	160	QR5	mg/kg dry	1.05		287			57	35
Cadmium	0.510	QR1	mg/kg dry	0.263		1.18			79	35
Chromium	18.5		mg/kg dry	0.526		21.6			15	35
Barium	106	QR5	mg/kg dry	0.526		266			86	35
Matrix Spike (7031305-MS1) **Source: SA59464-02**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Selenium	128		mg/kg dry	1.62	135	BRL	95	70-130		
Silver	118		mg/kg dry	1.08	135	BRL	87	70-130		
Arsenic	138		mg/kg dry	1.62	135	14.4	92	70-130		
Lead	446	QM8	mg/kg dry	1.08	135	268	132	70-130		
Chromium	148		mg/kg dry	0.539	135	25.0	91	70-130		
Cadmium	131		mg/kg dry	0.269	135	1.68	96	70-130		
Barium	197		mg/kg dry	0.539	135	53.6	106	70-130		
Matrix Spike (7031305-MS2) **Source: SA59507-01**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Selenium	125		mg/kg dry	1.48	124	BRL	101	70-130		
Silver	111		mg/kg dry	0.989	124	BRL	90	70-130		
Lead	120		mg/kg dry	0.742	124	6.37	92	70-130		
Cadmium	117		mg/kg dry	0.247	124	0.0572	94	70-130		
Chromium	124		mg/kg dry	0.495	124	9.28	93	70-130		
Arsenic	122		mg/kg dry	1.48	124	4.69	95	70-130		
Barium	153		mg/kg dry	0.495	124	28.8	100	70-130		
Post Spike (7031305-PS1) **Source: SA59464-02**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Silver	123		mg/kg dry	1.12	141	BRL	87	85-115		
Selenium	145		mg/kg dry	1.69	141	BRL	103	85-115		
Chromium	154		mg/kg dry	0.562	141	25.0	91	85-115		
Arsenic	146		mg/kg dry	1.69	141	14.4	93	85-115		
Cadmium	136		mg/kg dry	0.281	141	1.68	95	85-115		
Lead	422		mg/kg dry	1.12	141	268	109	85-115		
Barium	199		mg/kg dry	0.562	141	53.6	103	85-115		
Reference (7031305-SRM1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										

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 7031305 - EPA 200 Series										
Reference (7031305-SRM1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Silver	34.5		mg/kg wet	1.00	41.2		84	66.3-133.6		
Selenium	74.0		mg/kg wet	1.50	78.3		95	77.4-122.6		
Lead	38.3		mg/kg wet	0.750	44.9		85	81.8-118.1		
Arsenic	39.0		mg/kg wet	1.50	44.9		87	80.8-119.4		
Chromium	37.7	QC3	mg/kg wet	0.500	49.5		76	78.9-120.5		
Cadmium	26.8		mg/kg wet	0.250	31.8		84	82.1-117.9		
Barium	190		mg/kg wet	0.500	216		88	82.7-117.3		
Batch 7031316 - EPA200/SW7000 Series										
Blank (7031316-BLK1)										
Prepared & Analyzed: 23-Mar-07										
Mercury	BRL		mg/l	0.00020						
LCS (7031316-BS1)										
Prepared & Analyzed: 23-Mar-07										
Mercury	0.00265		mg/l	0.00020	0.00250		106	85-115		
Duplicate (7031316-DUP1)	**Source: SA59464-17**									
Prepared & Analyzed: 23-Mar-07										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (7031316-MS1)	**Source: SA59464-19**									
Prepared & Analyzed: 23-Mar-07										
Mercury	0.00266		mg/l	0.00020	0.00250	0.00005	104	75-125		
Matrix Spike Dup (7031316-MSD1)	**Source: SA59464-19**									
Prepared & Analyzed: 23-Mar-07										
Mercury	0.00279		mg/l	0.00020	0.00250	0.00005	110	75-125	5	20
Post Spike (7031316-PS1)	**Source: SA59464-19**									
Prepared & Analyzed: 23-Mar-07										
Mercury	0.00267		mg/l	0.00020	0.00250	0.00005	105	85-115		

TCLP Metals by EPA 1311 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031325 - SW846 3010A										
Blank (7031325-BLK1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Arsenic	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Silver	BRL		mg/l	0.0100						
Barium	BRL		mg/l	0.0050						
LCS (7031325-BS1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Selenium	1.33		mg/l	0.0150	1.25		106	77.1-123		
Lead	1.13		mg/l	0.0075	1.25		90	73.6-107		
Silver	1.13		mg/l	0.0100	1.25		90	55.1-124		
Cadmium	1.31		mg/l	0.0025	1.25		105	83.4-111		
Arsenic	1.25		mg/l	0.0150	1.25		100	75.9-119		
Chromium	1.21		mg/l	0.0050	1.25		97	80.7-110		
Barium	1.21		mg/l	0.0050	1.25		97	86-117		
LCS Dup (7031325-BSD1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Lead	1.08		mg/l	0.0075	1.25		86	73.6-107	5	20
Selenium	1.27		mg/l	0.0150	1.25		102	77.1-123	5	20
Silver	1.07		mg/l	0.0100	1.25		86	55.1-124	5	20
Arsenic	1.20		mg/l	0.0150	1.25		96	75.9-119	4	20
Chromium	1.15		mg/l	0.0050	1.25		92	80.7-110	5	20
Cadmium	1.25		mg/l	0.0025	1.25		100	83.4-111	5	20
Barium	1.14		mg/l	0.0050	1.25		91	86-117	6	20
Duplicate (7031325-DUP1) **Source: SA59464-16**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Lead	0.0140		mg/l	0.0075		0.0135			4	20
Selenium	BRL		mg/l	0.0150		BRL				20
Cadmium	0.0038		mg/l	0.0025		0.0040			5	20
Arsenic	BRL		mg/l	0.0150		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Silver	BRL		mg/l	0.0100		BRL				20
Barium	0.100		mg/l	0.0050		0.105			5	20
Matrix Spike (7031325-MS1) **Source: SA59464-15**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Lead	1.12		mg/l	0.0075	1.25	0.0244	88	70.1-109		
Selenium	1.27		mg/l	0.0150	1.25	0.0063	101	78.8-120		
Arsenic	1.20		mg/l	0.0150	1.25	BRL	96	81.4-114		
Chromium	1.18		mg/l	0.0050	1.25	BRL	94	76.7-115		
Silver	1.10		mg/l	0.0100	1.25	BRL	88	59.6-115		
Cadmium	1.25		mg/l	0.0025	1.25	0.0050	100	81.7-107		
Barium	1.25		mg/l	0.0050	1.25	0.0761	94	84.5-116		
Matrix Spike Dup (7031325-MSD1) **Source: SA59464-15**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Lead	1.09		mg/l	0.0075	1.25	0.0244	85	70.1-109	3	20
Selenium	1.24		mg/l	0.0150	1.25	0.0063	99	78.8-120	2	20
Arsenic	1.19		mg/l	0.0150	1.25	BRL	95	81.4-114	0.8	20
Chromium	1.15		mg/l	0.0050	1.25	BRL	92	76.7-115	3	20
Silver	1.09		mg/l	0.0100	1.25	BRL	87	59.6-115	0.9	20

TCLP Metals by EPA 1311 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031325 - SW846 3010A										
Matrix Spike Dup (7031325-MSD1) **Source: SA59464-15**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Cadmium	1.22		mg/l	0.0025	1.25	0.0050	97	81.7-107	2	20
Barium	1.23		mg/l	0.0050	1.25	0.0761	92	84.5-116	2	20
Post Spike (7031325-PS1) **Source: SA59464-15**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Selenium	1.28		mg/l	0.0150	1.25	0.0063	102	79.5-122		
Lead	1.13		mg/l	0.0075	1.25	0.0244	88	75.5-102		
Chromium	1.19		mg/l	0.0050	1.25	BRL	95	81.8-109		
Silver	1.23		mg/l	0.0100	1.25	BRL	98	65.4-114		
Arsenic	1.22		mg/l	0.0150	1.25	BRL	98	82.4-115		
Cadmium	1.26		mg/l	0.0025	1.25	0.0050	100	81.9-110		
Barium	1.27		mg/l	0.0050	1.25	0.0761	96	84.7-117		
Batch 7031326 - EPA200/SW7000 Series										
Blank (7031326-BLK1)										
Prepared & Analyzed: 23-Mar-07										
Mercury	BRL		mg/l	0.00040						
LCS (7031326-BS1)										
Prepared & Analyzed: 23-Mar-07										
Mercury	0.00257		mg/l	0.00040	0.00250		103	63.3-124		
Duplicate (7031326-DUP1) **Source: SA59464-16**										
Prepared & Analyzed: 23-Mar-07										
Mercury	BRL		mg/l	0.00040		BRL				20
Matrix Spike (7031326-MS1) **Source: SA59464-15**										
Prepared & Analyzed: 23-Mar-07										
Mercury	0.00273		mg/l	0.00040	0.00250	BRL	109	53.1-126		
Matrix Spike Dup (7031326-MSD1) **Source: SA59464-15**										
Prepared & Analyzed: 23-Mar-07										
Mercury	0.00265		mg/l	0.00040	0.00250	BRL	106	53.1-126	3	20
Post Spike (7031326-PS1) **Source: SA59464-15**										
Prepared & Analyzed: 23-Mar-07										
Mercury	0.00279		mg/l	0.00040	0.00250	BRL	112	85-115		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031323 - SW846 3010A										
Blank (7031323-BLK1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Cadmium	BRL		mg/l	0.0025						
Silver	BRL		mg/l	0.0100						
Arsenic	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
LCS (7031323-BS1)										
Prepared: 22-Mar-07 Analyzed: 24-Mar-07										
Lead	1.20		mg/l	0.0075	1.25		96	82.3-108		
Selenium	1.14		mg/l	0.0150	1.25		91	79-108		
Cadmium	1.24		mg/l	0.0025	1.25		99	87.9-110		
Chromium	1.15		mg/l	0.0050	1.25		92	76.2-118		
Arsenic	1.14		mg/l	0.0150	1.25		91	77.4-109		
Silver	0.777		mg/l	0.0100	1.25		62	55.5-115		
Barium	1.25		mg/l	0.0050	1.25		100	85.1-119		
LCS Dup (7031323-BSD1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Selenium	1.09		mg/l	0.0150	1.25		87	79-108	4	20
Lead	1.16		mg/l	0.0075	1.25		93	82.3-108	3	20
Arsenic	1.08		mg/l	0.0150	1.25		86	77.4-109	5	20
Chromium	1.14		mg/l	0.0050	1.25		91	76.2-118	0.9	20
Cadmium	1.21		mg/l	0.0025	1.25		97	87.9-110	2	20
Silver	0.900		mg/l	0.0100	1.25		72	55.5-115	15	20
Barium	1.18		mg/l	0.0050	1.25		94	85.1-119	6	20
Duplicate (7031323-DUP1) **Source: SA59464-02**										
Prepared: 22-Mar-07 Analyzed: 24-Mar-07										
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	0.0512		mg/l	0.0075		0.0507			1	20
Silver	BRL		mg/l	0.0100		BRL				20
Arsenic	BRL		mg/l	0.0150		BRL				20
Chromium	0.0109		mg/l	0.0050		0.0105			4	20
Cadmium	BRL		mg/l	0.0025		BRL				20
Barium	0.0168		mg/l	0.0050		0.0170			1	20
Matrix Spike (7031323-MS1) **Source: SA59464-01**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Lead	1.23		mg/l	0.0075	1.25	0.0217	97	81.8-105		
Selenium	1.16		mg/l	0.0150	1.25	BRL	93	80.4-105		
Cadmium	1.27		mg/l	0.0025	1.25	0.0004	102	86.4-108		
Silver	0.952		mg/l	0.0100	1.25	BRL	76	63.6-109		
Chromium	1.20		mg/l	0.0050	1.25	0.0122	95	81.5-111		
Arsenic	1.16		mg/l	0.0150	1.25	BRL	93	79.2-106		
Barium	1.26		mg/l	0.0050	1.25	0.0120	100	88.9-114		
Matrix Spike Dup (7031323-MSD1) **Source: SA59464-01**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Lead	1.21		mg/l	0.0075	1.25	0.0217	95	81.8-105	2	20
Selenium	1.14		mg/l	0.0150	1.25	BRL	91	80.4-105	2	20
Chromium	1.18		mg/l	0.0050	1.25	0.0122	93	81.5-111	2	20
Arsenic	1.14		mg/l	0.0150	1.25	BRL	91	79.2-106	2	20
Silver	0.944		mg/l	0.0100	1.25	BRL	76	63.6-109	0.8	20

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031323 - SW846 3010A										
Matrix Spike Dup (7031323-MSD1) **Source: SA59464-01**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Cadmium	1.25		mg/l	0.0025	1.25	0.0004	100	86.4-108	2	20
Barium	1.24		mg/l	0.0050	1.25	0.0120	98	88.9-114	2	20
Post Spike (7031323-PS1) **Source: SA59464-01**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Selenium	1.13		mg/l	0.0150	1.25	BRL	90	77.7-108		
Lead	1.20		mg/l	0.0075	1.25	0.0217	94	80.3-108		
Chromium	1.17		mg/l	0.0050	1.25	0.0122	93	78.1-114		
Silver	0.980		mg/l	0.0100	1.25	BRL	78	61.7-107		
Cadmium	1.24		mg/l	0.0025	1.25	0.0004	99	86.5-109		
Arsenic	1.13		mg/l	0.0150	1.25	BRL	90	79.3-107		
Barium	1.23		mg/l	0.0050	1.25	0.0120	97	86.8-118		
Batch 7031324 - EPA200/SW7000 Series										
Blank (7031324-BLK1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Mercury	BRL		mg/l	0.00040						
LCS (7031324-BS1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Mercury	0.00273		mg/l	0.00040	0.00250		109	66.6-117		
Duplicate (7031324-DUP1) **Source: SA59464-02**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Mercury	BRL		mg/l	0.00040		BRL				20
Matrix Spike (7031324-MS1) **Source: SA59464-01**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Mercury	0.00272		mg/l	0.00040	0.00250	BRL	109	76.1-111		
Matrix Spike Dup (7031324-MSD1) **Source: SA59464-01**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Mercury	0.00270		mg/l	0.00040	0.00250	BRL	108	76.1-111	0.7	20

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031307 - General Preparation										
Duplicate (7031307-DUP1) **Source: SA59464-01**										
Prepared & Analyzed: 22-Mar-07										
% Solids	89.1		%			87.7			2	20

Notes and Definitions

*TPH	Calculated as
Comp	Completed
FP	Field Preserved
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QC3	The spike recovery is outside acceptable limits for the LCS. The batch was accepted based upon the MS and/or MSD meeting the LCS limits criteria.
QM4X	The spike recovery was outside of QC acceptance limits for the MS, MSD and/or PS due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QM8	The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and/or LCS recovery.
QR1	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR4	Analyses are not controlled on RPD values from sample concentrations less than the reporting limit. QC batch accepted based on LCS and/or LCSD QC results
QR5	RPD out of acceptance range.
R03	The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
R05	Elevated Reporting Limits due to the presence of high levels of non-target analytes.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
vex1	Lab extracted
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.
Christopher Hall

SA 594604 of

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 2

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

Report To: Cindy Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: David Stoke - Mayville

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

Project No.: 301-88
Site Name: NHRY M8 Acceptance Facility
Location: New Haven State: CT
Sampler(s): C. Knight / C. Criscuolo

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs - 8260	CT ETPH	PAHs + PCBs 8082/8270	Base Neutrals/Acid Extractables 8270	Total RCRA 8 Metals	SPLP RCRA 8 Metals	
SA594604-01	M8F-4 2'-4'	3-15-07		C	SO		3	1			X	X	X	X	X	X	
02	M8F-5 2'-4'																
03	M8F-6 2'-4'																
04	M8F-12 2'-4'																
05	M8F-13 2'-4'																
06	M8F-49 2'-4'																
07	M8F-50 2'-4'																
08	M8F-51 2'-4'																
09	M8FB-1			G	X1			2									See phone log
10	M8FB-2			G	X1												

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

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

State specific reporting standards: CTDEP RDEC + GB PMC

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

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

Relinquished by:	Received by:	Date:	Time:
		3-19-07	1310
		3/19/07	15:33

Headquarters: 11 Almgren Drive & 830 Silver Street • Agawam, MA 01001 • 1-800-789-9115 • 413-789-9018 • FAX 413-789-4076
FL Division: 8180 Woodland Center Boulevard • Tampa, FL 33614 • 1-888-497-5270 • 813-888-9507 • FAX 800-480-6435
www.spectrum-analytical.com

SAS 9464

SPECTRUM ANALYTICAL, INC.
Featuring
HANNIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

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

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

Invoice To: CTDOT - DAS Contract
c/o LES

P.O. No.: _____ RQN: _____

Project No.: 301-88
Site Name: NHHY M8 Acceptance Facility
Location: New Haven State: CT
Sampler(s): C Knight / C. Criscuolo

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_3$ 9=_____ 10=_____

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs - 8260	CT ETPH	Total RCRA 8 Metals	PCBs - 8082	Base Neutral/Acid Extractable 8270	SVOCs - 8270	SPLP RCRA 8 Metals	TCLP RCRA 8 Metals
5959464-11	M8FB-3	3-15-07			X1		3	1			X	X	X	X	X		X	
12	M8FB-4														X		X	
13	M8FB-5														X		X	
14	M8FB-6														X		X	
15	M8FT-1				X2		[redacted]									X		X
16	M8FT-2				X2			3								X		X
17	FB-1				X3		3	3		1					X			
18	TB-1				X3		1			[redacted]								
19	M8F-50 GW			G	GW		3	4		1	X	X	X	X	X			

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

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

State specific reporting standards: CTDEP RDEC + GB PMC

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

Condition upon receipt: [ ] Iced [ ] Ambient [ ] °C 8.0

Relinquished by:	Received by:	Date:	Time:
		3-19-07	13:10
		3/19/07	15:35

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-2	301-88	Blank Water	19-Mar-07 00:00	20-Mar-07
SA59517-14				

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 (Freo	BRL		µg/l	1.0	1	SW846 8260B	22-Mar-07	22-Mar-07	7031296	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	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-2 SA59517-14	301-88	Blank Water	19-Mar-07 00:00	20-Mar-07

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											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	22-Mar-07	22-Mar-07	7031296	ek
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*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*94*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-Mar-07	22-Mar-07	7031160	DS
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*	*95*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.0111	1	SW846 8081A	22-Mar-07	22-Mar-07	7031270	TG
319-84-6	a-BHC	BRL		µg/l	0.0111	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-2	301-88	Blank Water	19-Mar-07 00:00	20-Mar-07
SA59517-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
319-85-7	b-BHC	BRL		µg/l	0.0111	1	SW846 8081A	22-Mar-07	22-Mar-07	7031270	TG
319-86-8	d-BHC	BRL		µg/l	0.0111	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.0111	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.0556	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/l	0.0111	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/l	0.0111	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/l	0.0111	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.0022	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.0111	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.0111	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.0111	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.0111	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.0111	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.0111	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.0111	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.0111	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.0556	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.0111	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.0111	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.0111	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*69*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*87*		*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	22-Mar-07	23-Mar-07	7031271	"
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)*	*60*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*		*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	1.00	1	SW846 8270C	22-Mar-07	23-Mar-07	7031272	M.B
208-96-8	Acenaphthylene	BRL		µg/l	0.400	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	1.00	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	1.00	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	1.00	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	1.00	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	1.00	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.200	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-2	301-88	Blank Water	19-Mar-07 00:00	20-Mar-07
SA59517-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.200	1	SW846 8270C	22-Mar-07	23-Mar-07	7031272	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.200	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	1.00	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.300	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	1.00	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	1.00	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	1.00	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	1.00	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	1.00	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	1.00	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	1.00	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	1.00	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	1.00	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.200	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	1.00	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	1.00	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	1.00	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	1.00	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	1.00	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	1.00	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.600	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	1.00	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	1.00	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.200	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	1.00	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-2	301-88	Blank Water	19-Mar-07 00:00	20-Mar-07
SA59517-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
98-95-3	Nitrobenzene	BRL		µg/l	1.00	1	SW846 8270C	22-Mar-07	23-Mar-07	7031272	M.B
88-75-5	2-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	1.00	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	1.00	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	1.00	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	1.00	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	1.00	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	1.00	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	1.00	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*55*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*79*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*57*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*80*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*48*		*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	"	25-Mar-07	"	"
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*	*49*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*71*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	26-Mar-07	26-Mar-07	7031413	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-2 SA59517-14	301-88	Blank Water	19-Mar-07 00:00	20-Mar-07

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	26-Mar-07	26-Mar-07	7031413	LR
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	26-Mar-07	27-Mar-07	7031414	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-2	301-88	Blank Water	19-Mar-07 00:00	20-Mar-07
SA59517-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	22-Mar-07	22-Mar-07	7031296	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	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-2 SA59517-15	301-88	Blank Water	19-Mar-07 00:00	20-Mar-07

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											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	22-Mar-07	22-Mar-07	7031296	ek
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*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*93*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031296 - SW846 5030 Water MS										
Blank (7031296-BLK1)										
Prepared & Analyzed: 22-Mar-07										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031296 - SW846 5030 Water MS										
Blank (7031296-BLK1)										
Prepared & Analyzed: 22-Mar-07										
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
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	*50.3*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.6*		µg/l		*50.0*		*93*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/l		*50.0*		*100*	*70-130*		
LCS (7031296-BS1)										
Prepared & Analyzed: 22-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.9		µg/l		20.0		110	70-130		
Acetone	19.9		µg/l		20.0		100	41.1-147		
Acrylonitrile	18.7		µg/l		20.0		94	70-130		
Benzene	21.2		µg/l		20.0		106	70-130		
Bromobenzene	21.7		µg/l		20.0		108	70-130		
Bromochloromethane	20.6		µg/l		20.0		103	70-130		
Bromodichloromethane	20.7		µg/l		20.0		104	70-130		
Bromoform	21.8		µg/l		20.0		109	70-130		
Bromomethane	20.2		µg/l		20.0		101	62-136		
2-Butanone (MEK)	19.1		µg/l		20.0		96	53.9-133		
n-Butylbenzene	20.5		µg/l		20.0		102	70-130		
sec-Butylbenzene	23.0		µg/l		20.0		115	70-130		
tert-Butylbenzene	22.6		µg/l		20.0		113	70-130		
Carbon disulfide	18.9		µg/l		20.0		94	70-130		
Carbon tetrachloride	22.8		µg/l		20.0		114	70-130		
Chlorobenzene	21.6		µg/l		20.0		108	70-130		
Chloroethane	19.3		µg/l		20.0		96	62.8-132		
Chloroform	20.1		µg/l		20.0		100	70-130		
Chloromethane	21.0		µg/l		20.0		105	70-130		
2-Chlorotoluene	22.2		µg/l		20.0		111	70-130		
4-Chlorotoluene	21.2		µg/l		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	19.2		µg/l		20.0		96	70-130		
Dibromochloromethane	22.1		µg/l		20.0		110	70-143		
1,2-Dibromoethane (EDB)	21.1		µg/l		20.0		106	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031296 - SW846 5030 Water MS										
LCS (7031296-BS1)										
Prepared & Analyzed: 22-Mar-07										
Dibromomethane	19.7		µg/l		20.0		98	70-130		
1,2-Dichlorobenzene	20.6		µg/l		20.0		103	70-130		
1,3-Dichlorobenzene	22.5		µg/l		20.0		112	70-130		
1,4-Dichlorobenzene	20.1		µg/l		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	22.5		µg/l		20.0		112	39.3-167		
1,1-Dichloroethane	20.7		µg/l		20.0		104	70-130		
1,2-Dichloroethane	19.4		µg/l		20.0		97	70-130		
1,1-Dichloroethene	18.3		µg/l		20.0		92	70-130		
cis-1,2-Dichloroethene	21.7		µg/l		20.0		108	70-130		
trans-1,2-Dichloroethene	20.3		µg/l		20.0		102	70-130		
1,2-Dichloropropane	21.5		µg/l		20.0		108	70-130		
1,3-Dichloropropane	20.8		µg/l		20.0		104	70-130		
2,2-Dichloropropane	26.0		µg/l		20.0		130	70-130		
1,1-Dichloropropene	20.5		µg/l		20.0		102	70-130		
cis-1,3-Dichloropropene	21.9		µg/l		20.0		110	70-130		
trans-1,3-Dichloropropene	19.3		µg/l		20.0		96	70-130		
Ethylbenzene	21.4		µg/l		20.0		107	70-130		
Hexachlorobutadiene	23.6		µg/l		20.0		118	70-136		
2-Hexanone (MBK)	20.2		µg/l		20.0		101	56.3-131		
Isopropylbenzene	21.1		µg/l		20.0		106	70-130		
4-Isopropyltoluene	21.3		µg/l		20.0		106	70-130		
Methyl tert-butyl ether	19.9		µg/l		20.0		100	70-130		
4-Methyl-2-pentanone (MIBK)	20.4		µg/l		20.0		102	70-130		
Methylene chloride	18.7		µg/l		20.0		94	70-130		
Naphthalene	18.9		µg/l		20.0		94	70-130		
n-Propylbenzene	21.2		µg/l		20.0		106	70-130		
Styrene	22.2		µg/l		20.0		111	70-130		
1,1,1,2-Tetrachloroethane	23.5		µg/l		20.0		118	70-130		
1,1,2,2-Tetrachloroethane	21.5		µg/l		20.0		108	70-130		
Tetrachloroethene	22.0		µg/l		20.0		110	70-130		
Toluene	20.5		µg/l		20.0		102	70-130		
1,2,3-Trichlorobenzene	14.8		µg/l		20.0		74	70-130		
1,2,4-Trichlorobenzene	22.4		µg/l		20.0		112	70-130		
1,1,1-Trichloroethane	20.9		µg/l		20.0		104	70-130		
1,1,2-Trichloroethane	20.5		µg/l		20.0		102	70-130		
Trichloroethene	20.5		µg/l		20.0		102	70-130		
Trichlorofluoromethane (Freon 11)	21.2		µg/l		20.0		106	70-130		
1,2,3-Trichloropropane	23.0		µg/l		20.0		115	70-130		
1,2,4-Trimethylbenzene	22.5		µg/l		20.0		112	70-130		
1,3,5-Trimethylbenzene	22.5		µg/l		20.0		112	70-130		
Vinyl chloride	21.2		µg/l		20.0		106	70-130		
m,p-Xylene	44.8		µg/l		40.0		112	70-130		
o-Xylene	23.2		µg/l		20.0		116	70-130		
Tetrahydrofuran	20.5		µg/l		20.0		102	70-130		
Ethyl ether	19.2		µg/l		20.0		96	70-130		
Tert-amyl methyl ether	21.2		µg/l		20.0		106	70-130		
Ethyl tert-butyl ether	22.1		µg/l		20.0		110	70-130		
Di-isopropyl ether	21.2		µg/l		20.0		106	70-130		
Tert-Butanol / butyl alcohol	176		µg/l		200		88	70-130		
1,4-Dioxane	207		µg/l		200		104	70-130		
Surrogate: 4-Bromofluorobenzene	*52.5*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.5*		µg/l		*50.0*		*91*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031296 - SW846 5030 Water MS										
LCS (7031296-BS1)										
Prepared & Analyzed: 22-Mar-07										
Surrogate: Dibromofluoromethane	*49.6*		µg/l		*50.0*		*99*	*70-130*		
LCS Dup (7031296-BSD1)										
Prepared & Analyzed: 22-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.4		µg/l		20.0		97	70-130	13	25
Acetone	20.1		µg/l		20.0		100	41.1-147	0	50
Acrylonitrile	18.7		µg/l		20.0		94	70-130	0	25
Benzene	19.7		µg/l		20.0		98	70-130	8	25
Bromobenzene	21.3		µg/l		20.0		106	70-130	2	25
Bromochloromethane	20.0		µg/l		20.0		100	70-130	3	25
Bromodichloromethane	19.7		µg/l		20.0		98	70-130	6	25
Bromoform	22.2		µg/l		20.0		111	70-130	2	25
Bromomethane	18.6		µg/l		20.0		93	62-136	8	50
2-Butanone (MEK)	18.0		µg/l		20.0		90	53.9-133	6	50
n-Butylbenzene	20.3		µg/l		20.0		102	70-130	0	25
sec-Butylbenzene	23.2		µg/l		20.0		116	70-130	0.9	25
tert-Butylbenzene	23.0		µg/l		20.0		115	70-130	2	25
Carbon disulfide	15.9		µg/l		20.0		80	70-130	16	25
Carbon tetrachloride	20.6		µg/l		20.0		103	70-130	10	25
Chlorobenzene	21.0		µg/l		20.0		105	70-130	3	25
Chloroethane	17.9		µg/l		20.0		90	62.8-132	6	50
Chloroform	19.0		µg/l		20.0		95	70-130	5	25
Chloromethane	19.4		µg/l		20.0		97	70-130	8	25
2-Chlorotoluene	21.4		µg/l		20.0		107	70-130	4	25
4-Chlorotoluene	20.7		µg/l		20.0		104	70-130	2	25
1,2-Dibromo-3-chloropropane	18.0		µg/l		20.0		90	70-130	6	25
Dibromochloromethane	21.2		µg/l		20.0		106	70-143	4	50
1,2-Dibromoethane (EDB)	20.9		µg/l		20.0		104	70-130	2	25
Dibromomethane	18.8		µg/l		20.0		94	70-130	4	25
1,2-Dichlorobenzene	20.5		µg/l		20.0		102	70-130	1	25
1,3-Dichlorobenzene	21.7		µg/l		20.0		108	70-130	4	25
1,4-Dichlorobenzene	19.4		µg/l		20.0		97	70-130	3	25
Dichlorodifluoromethane (Freon12)	19.1		µg/l		20.0		96	39.3-167	15	50
1,1-Dichloroethane	19.6		µg/l		20.0		98	70-130	6	25
1,2-Dichloroethane	18.8		µg/l		20.0		94	70-130	3	25
1,1-Dichloroethene	16.6		µg/l		20.0		83	70-130	10	25
cis-1,2-Dichloroethene	20.6		µg/l		20.0		103	70-130	5	25
trans-1,2-Dichloroethene	18.4		µg/l		20.0		92	70-130	10	25
1,2-Dichloropropane	20.3		µg/l		20.0		102	70-130	6	25
1,3-Dichloropropane	20.2		µg/l		20.0		101	70-130	3	25
2,2-Dichloropropane	24.3		µg/l		20.0		122	70-130	6	25
1,1-Dichloropropene	18.4		µg/l		20.0		92	70-130	10	25
cis-1,3-Dichloropropene	20.7		µg/l		20.0		104	70-130	6	25
trans-1,3-Dichloropropene	18.3		µg/l		20.0		92	70-130	4	25
Ethylbenzene	20.6		µg/l		20.0		103	70-130	4	25
Hexachlorobutadiene	21.7		µg/l		20.0		108	70-136	9	50
2-Hexanone (MBK)	19.4		µg/l		20.0		97	56.3-131	4	25
Isopropylbenzene	20.6		µg/l		20.0		103	70-130	3	25
4-Isopropyltoluene	21.7		µg/l		20.0		108	70-130	2	25
Methyl tert-butyl ether	19.6		µg/l		20.0		98	70-130	2	25
4-Methyl-2-pentanone (MIBK)	19.9		µg/l		20.0		100	70-130	2	50
Methylene chloride	17.6		µg/l		20.0		88	70-130	7	25
Naphthalene	17.4		µg/l		20.0		87	70-130	8	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031296 - SW846 5030 Water MS										
LCS Dup (7031296-BSD1)										
Prepared & Analyzed: 22-Mar-07										
n-Propylbenzene	20.6		µg/l		20.0		103	70-130	3	25
Styrene	21.5		µg/l		20.0		108	70-130	3	25
1,1,1,2-Tetrachloroethane	23.1		µg/l		20.0		116	70-130	2	25
1,1,2,2-Tetrachloroethane	21.5		µg/l		20.0		108	70-130	0	25
Tetrachloroethene	19.9		µg/l		20.0		100	70-130	10	25
Toluene	19.5		µg/l		20.0		98	70-130	4	25
1,2,3-Trichlorobenzene	13.9		µg/l		20.0		70	70-130	6	25
1,2,4-Trichlorobenzene	21.4		µg/l		20.0		107	70-130	5	25
1,1,1-Trichloroethane	19.2		µg/l		20.0		96	70-130	8	25
1,1,2-Trichloroethane	20.2		µg/l		20.0		101	70-130	1	25
Trichloroethene	18.8		µg/l		20.0		94	70-130	8	25
Trichlorofluoromethane (Freon 11)	18.7		µg/l		20.0		94	70-130	12	50
1,2,3-Trichloropropane	22.9		µg/l		20.0		114	70-130	0.9	25
1,2,4-Trimethylbenzene	22.6		µg/l		20.0		113	70-130	0.9	25
1,3,5-Trimethylbenzene	22.4		µg/l		20.0		112	70-130	0	25
Vinyl chloride	18.5		µg/l		20.0		92	70-130	14	25
m,p-Xylene	43.2		µg/l		40.0		108	70-130	4	25
o-Xylene	22.1		µg/l		20.0		110	70-130	5	25
Tetrahydrofuran	20.4		µg/l		20.0		102	70-130	0	25
Ethyl ether	18.4		µg/l		20.0		92	70-130	4	50
Tert-amyl methyl ether	21.0		µg/l		20.0		105	70-130	0.9	25
Ethyl tert-butyl ether	21.8		µg/l		20.0		109	70-130	0.9	25
Di-isopropyl ether	20.6		µg/l		20.0		103	70-130	3	25
Tert-Butanol / butyl alcohol	173		µg/l		200		86	70-130	2	25
1,4-Dioxane	213		µg/l		200		106	70-130	2	25
Surrogate: 4-Bromofluorobenzene	*53.8*		µg/l		*50.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.0*		µg/l		*50.0*		*90*	*70-130*		
Surrogate: Dibromofluoromethane	*49.6*		µg/l		*50.0*		*99*	*70-130*		
Matrix Spike (7031296-MS1) **Source: SA59563-01**										
Prepared & Analyzed: 22-Mar-07										
Benzene	23.6		µg/l		20.0	BRL	118	70-130		
Chlorobenzene	25.7		µg/l		20.0	BRL	128	70-130		
1,1-Dichloroethene	20.8		µg/l		20.0	BRL	104	70-130		
Toluene	23.4		µg/l		20.0	BRL	117	70-130		
Trichloroethene	22.5		µg/l		20.0	BRL	112	70-130		
Surrogate: 4-Bromofluorobenzene	*49.6*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.6*		µg/l		*50.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*49.6*		µg/l		*50.0*		*99*	*70-130*		
Matrix Spike Dup (7031296-MSD1) **Source: SA59563-01**										
Prepared & Analyzed: 22-Mar-07										
Benzene	22.9		µg/l		20.0	BRL	114	70-130	3	30
Chlorobenzene	24.8		µg/l		20.0	BRL	124	70-130	3	30
1,1-Dichloroethene	20.6		µg/l		20.0	BRL	103	70-130	1	30
Toluene	23.1		µg/l		20.0	BRL	116	70-130	0.9	30
Trichloroethene	21.6		µg/l		20.0	BRL	108	70-130	4	30
Surrogate: 4-Bromofluorobenzene	*49.5*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.1*		µg/l		*50.0*		*90*	*70-130*		
Surrogate: Dibromofluoromethane	*48.8*		µg/l		*50.0*		*98*	*70-130*		
Batch 7031335 - SW846 5035A Soil (low level)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031335 - SW846 5035A Soil (low level)										
Blank (7031335-BLK1)										
Prepared & Analyzed: 22-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031335 - SW846 5035A Soil (low level)										
Blank (7031335-BLK1)										
Prepared & Analyzed: 22-Mar-07										
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*52.1*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*52.3*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*55.4*		µg/kg wet		*50.0*		*111*	*70-130*		
Surrogate: Dibromofluoromethane	*52.0*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS (7031335-BS1)										
Prepared & Analyzed: 22-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.0		µg/kg wet		20.0		100	70-130		
Acetone	8.5		µg/kg wet		20.0		42	1.77-175		
Acrylonitrile	19.0		µg/kg wet		20.0		95	70-130		
Benzene	20.4		µg/kg wet		20.0		102	70-130		
Bromobenzene	17.8		µg/kg wet		20.0		89	70-130		
Bromochloromethane	18.0		µg/kg wet		20.0		90	70-130		
Bromodichloromethane	20.2		µg/kg wet		20.0		101	70-130		
Bromoform	18.9		µg/kg wet		20.0		94	70-130		
Bromomethane	17.9		µg/kg wet		20.0		90	55.3-136		
2-Butanone (MEK)	14.2		µg/kg wet		20.0		71	38.8-142		
n-Butylbenzene	18.8		µg/kg wet		20.0		94	70-130		
sec-Butylbenzene	19.7		µg/kg wet		20.0		98	70-130		
tert-Butylbenzene	19.4		µg/kg wet		20.0		97	70-130		
Carbon disulfide	17.0		µg/kg wet		20.0		85	70-130		
Carbon tetrachloride	18.9		µg/kg wet		20.0		94	70-130		
Chlorobenzene	19.6		µg/kg wet		20.0		98	70-130		
Chloroethane	19.0		µg/kg wet		20.0		95	55.3-130		
Chloroform	18.8		µg/kg wet		20.0		94	70-130		
Chloromethane	19.3		µg/kg wet		20.0		96	70-130		
2-Chlorotoluene	19.4		µg/kg wet		20.0		97	70-130		
4-Chlorotoluene	19.5		µg/kg wet		20.0		98	70-130		
1,2-Dibromo-3-chloropropane	21.7		µg/kg wet		20.0		108	70-130		
Dibromochloromethane	20.5		µg/kg wet		20.0		102	64.7-139		
1,2-Dibromoethane (EDB)	20.2		µg/kg wet		20.0		101	70-130		
Dibromomethane	18.6		µg/kg wet		20.0		93	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031335 - SW846 5035A Soil (low level)										
LCS (7031335-BS1)										
Prepared & Analyzed: 22-Mar-07										
1,2-Dichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,3-Dichlorobenzene	18.1		µg/kg wet		20.0		90	70-130		
1,4-Dichlorobenzene	18.3		µg/kg wet		20.0		92	70-130		
Dichlorodifluoromethane (Freon12)	21.3		µg/kg wet		20.0		106	34.4-167		
1,1-Dichloroethane	21.0		µg/kg wet		20.0		105	70-130		
1,2-Dichloroethane	19.0		µg/kg wet		20.0		95	70-130		
1,1-Dichloroethene	17.9		µg/kg wet		20.0		90	70-130		
cis-1,2-Dichloroethene	18.9		µg/kg wet		20.0		94	70-130		
trans-1,2-Dichloroethene	18.8		µg/kg wet		20.0		94	70-130		
1,2-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130		
1,3-Dichloropropane	20.5		µg/kg wet		20.0		102	70-130		
2,2-Dichloropropane	17.9		µg/kg wet		20.0		90	70-130		
1,1-Dichloropropene	19.8		µg/kg wet		20.0		99	70-130		
cis-1,3-Dichloropropene	19.8		µg/kg wet		20.0		99	70-130		
trans-1,3-Dichloropropene	21.5		µg/kg wet		20.0		108	70-130		
Ethylbenzene	19.4		µg/kg wet		20.0		97	70-130		
Hexachlorobutadiene	18.5		µg/kg wet		20.0		92	60.7-140		
2-Hexanone (MBK)	12.6	QC2	µg/kg wet		20.0		63	70-130		
Isopropylbenzene	19.1		µg/kg wet		20.0		96	70-130		
4-Isopropyltoluene	19.8		µg/kg wet		20.0		99	70-130		
Methyl tert-butyl ether	20.5		µg/kg wet		20.0		102	70-130		
4-Methyl-2-pentanone (MIBK)	19.6		µg/kg wet		20.0		98	46.1-145		
Methylene chloride	18.5		µg/kg wet		20.0		92	70-130		
Naphthalene	20.5		µg/kg wet		20.0		102	70-130		
n-Propylbenzene	19.1		µg/kg wet		20.0		96	70-130		
Styrene	20.0		µg/kg wet		20.0		100	70-130		
1,1,1,2-Tetrachloroethane	19.9		µg/kg wet		20.0		100	70-130		
1,1,2,2-Tetrachloroethane	19.1		µg/kg wet		20.0		96	70-130		
Tetrachloroethene	18.8		µg/kg wet		20.0		94	70-130		
Toluene	19.9		µg/kg wet		20.0		100	70-130		
1,2,3-Trichlorobenzene	19.9		µg/kg wet		20.0		100	70-130		
1,2,4-Trichlorobenzene	19.5		µg/kg wet		20.0		98	70-130		
1,1,1-Trichloroethane	19.1		µg/kg wet		20.0		96	70-130		
1,1,2-Trichloroethane	20.6		µg/kg wet		20.0		103	70-130		
Trichloroethene	22.1		µg/kg wet		20.0		110	70-130		
Trichlorofluoromethane (Freon 11)	19.1		µg/kg wet		20.0		96	56.8-140		
1,2,3-Trichloropropane	25.1		µg/kg wet		20.0		126	70-130		
1,2,4-Trimethylbenzene	19.8		µg/kg wet		20.0		99	70-130		
1,3,5-Trimethylbenzene	19.0		µg/kg wet		20.0		95	70-130		
Vinyl chloride	21.2		µg/kg wet		20.0		106	70-130		
m,p-Xylene	39.0		µg/kg wet		40.0		98	70-130		
o-Xylene	19.9		µg/kg wet		20.0		100	70-130		
Tetrahydrofuran	17.9		µg/kg wet		20.0		90	70-130		
Ethyl ether	19.2		µg/kg wet		20.0		96	65.3-130		
Tert-amyl methyl ether	22.0		µg/kg wet		20.0		110	70-130		
Ethyl tert-butyl ether	22.8		µg/kg wet		20.0		114	70-130		
Di-isopropyl ether	19.4		µg/kg wet		20.0		97	70-130		
Tert-Butanol / butyl alcohol	174		µg/kg wet		200		87	70-130		
1,4-Dioxane	177		µg/kg wet		200		88	34-155		
Surrogate: 4-Bromofluorobenzene	*48.5*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*51.5*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.4*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*50.1*		µg/kg wet		*50.0*		*100*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031335 - SW846 5035A Soil (low level)										
LCS Dup (7031335-BSD1)										
Prepared & Analyzed: 22-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.3		µg/kg wet		20.0		106	70-130	6	25
Acetone	9.8		µg/kg wet		20.0		49	1.77-175	15	50
Acrylonitrile	18.7		µg/kg wet		20.0		94	70-130	1	25
Benzene	20.3		µg/kg wet		20.0		102	70-130	0	25
Bromobenzene	18.2		µg/kg wet		20.0		91	70-130	2	25
Bromochloromethane	17.4		µg/kg wet		20.0		87	70-130	3	25
Bromodichloromethane	21.0		µg/kg wet		20.0		105	70-130	4	25
Bromoform	18.7		µg/kg wet		20.0		94	70-130	0	25
Bromomethane	19.9		µg/kg wet		20.0		100	55.3-136	11	50
2-Butanone (MEK)	12.0		µg/kg wet		20.0		60	38.8-142	17	50
n-Butylbenzene	19.7		µg/kg wet		20.0		98	70-130	4	25
sec-Butylbenzene	19.4		µg/kg wet		20.0		97	70-130	1	25
tert-Butylbenzene	20.5		µg/kg wet		20.0		102	70-130	5	25
Carbon disulfide	18.2		µg/kg wet		20.0		91	70-130	7	25
Carbon tetrachloride	19.5		µg/kg wet		20.0		98	70-130	4	25
Chlorobenzene	19.2		µg/kg wet		20.0		96	70-130	2	25
Chloroethane	17.3		µg/kg wet		20.0		86	55.3-130	10	50
Chloroform	19.2		µg/kg wet		20.0		96	70-130	2	25
Chloromethane	20.1		µg/kg wet		20.0		100	70-130	4	25
2-Chlorotoluene	19.3		µg/kg wet		20.0		96	70-130	1	25
4-Chlorotoluene	19.3		µg/kg wet		20.0		96	70-130	2	25
1,2-Dibromo-3-chloropropane	17.4		µg/kg wet		20.0		87	70-130	22	25
Dibromochloromethane	18.9		µg/kg wet		20.0		94	64.7-139	8	50
1,2-Dibromoethane (EDB)	21.2		µg/kg wet		20.0		106	70-130	5	25
Dibromomethane	21.8		µg/kg wet		20.0		109	70-130	16	25
1,2-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130	8	25
1,3-Dichlorobenzene	18.4		µg/kg wet		20.0		92	70-130	2	25
1,4-Dichlorobenzene	19.1		µg/kg wet		20.0		96	70-130	4	25
Dichlorodifluoromethane (Freon12)	21.4		µg/kg wet		20.0		107	34.4-167	0.9	50
1,1-Dichloroethane	20.2		µg/kg wet		20.0		101	70-130	4	25
1,2-Dichloroethane	19.5		µg/kg wet		20.0		98	70-130	3	25
1,1-Dichloroethene	18.6		µg/kg wet		20.0		93	70-130	3	25
cis-1,2-Dichloroethene	20.5		µg/kg wet		20.0		102	70-130	8	25
trans-1,2-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130	4	25
1,2-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130	2	25
1,3-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130	2	25
2,2-Dichloropropane	17.4		µg/kg wet		20.0		87	70-130	3	25
1,1-Dichloropropene	20.5		µg/kg wet		20.0		102	70-130	3	25
cis-1,3-Dichloropropene	21.3		µg/kg wet		20.0		106	70-130	7	25
trans-1,3-Dichloropropene	21.8		µg/kg wet		20.0		109	70-130	0.9	25
Ethylbenzene	20.0		µg/kg wet		20.0		100	70-130	3	25
Hexachlorobutadiene	19.9		µg/kg wet		20.0		100	60.7-140	8	50
2-Hexanone (MBK)	13.6	QC2	µg/kg wet		20.0		68	70-130	8	25
Isopropylbenzene	18.6		µg/kg wet		20.0		93	70-130	3	25
4-Isopropyltoluene	20.1		µg/kg wet		20.0		100	70-130	1	25
Methyl tert-butyl ether	20.8		µg/kg wet		20.0		104	70-130	2	25
4-Methyl-2-pentanone (MIBK)	17.0		µg/kg wet		20.0		85	46.1-145	14	50
Methylene chloride	18.2		µg/kg wet		20.0		91	70-130	1	25
Naphthalene	19.8		µg/kg wet		20.0		99	70-130	3	25
n-Propylbenzene	19.4		µg/kg wet		20.0		97	70-130	1	25
Styrene	19.8		µg/kg wet		20.0		99	70-130	1	25
1,1,1,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130	1	25
1,1,2,2-Tetrachloroethane	18.1		µg/kg wet		20.0		90	70-130	6	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031335 - SW846 5035A Soil (low level)										
LCS Dup (7031335-BSD1)										
Prepared & Analyzed: 22-Mar-07										
Tetrachloroethene	20.6		µg/kg wet		20.0		103	70-130	9	25
Toluene	19.9		µg/kg wet		20.0		100	70-130	0	25
1,2,3-Trichlorobenzene	20.9		µg/kg wet		20.0		104	70-130	4	25
1,2,4-Trichlorobenzene	19.9		µg/kg wet		20.0		100	70-130	2	25
1,1,1-Trichloroethane	19.6		µg/kg wet		20.0		98	70-130	2	25
1,1,2-Trichloroethane	20.9		µg/kg wet		20.0		104	70-130	1	25
Trichloroethene	22.8		µg/kg wet		20.0		114	70-130	4	25
Trichlorofluoromethane (Freon 11)	20.2		µg/kg wet		20.0		101	56.8-140	5	50
1,2,3-Trichloropropane	21.5		µg/kg wet		20.0		108	70-130	15	25
1,2,4-Trimethylbenzene	20.0		µg/kg wet		20.0		100	70-130	1	25
1,3,5-Trimethylbenzene	20.1		µg/kg wet		20.0		100	70-130	5	25
Vinyl chloride	22.7		µg/kg wet		20.0		114	70-130	7	25
m,p-Xylene	38.8		µg/kg wet		40.0		97	70-130	1	25
o-Xylene	19.0		µg/kg wet		20.0		95	70-130	5	25
Tetrahydrofuran	18.0		µg/kg wet		20.0		90	70-130	0	25
Ethyl ether	21.1		µg/kg wet		20.0		106	65.3-130	10	50
Tert-amyl methyl ether	20.6		µg/kg wet		20.0		103	70-130	7	25
Ethyl tert-butyl ether	22.4		µg/kg wet		20.0		112	70-130	2	25
Di-isopropyl ether	19.6		µg/kg wet		20.0		98	70-130	1	25
Tert-Butanol / butyl alcohol	159		µg/kg wet		200		80	70-130	8	25
1,4-Dioxane	123	QC1	µg/kg wet		200		62	34-155	35	25
Surrogate: 4-Bromofluorobenzene	*48.9*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*53.0*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.5*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*50.6*		µg/kg wet		*50.0*		*101*	*70-130*		
Batch 7031602 - SW846 5030 Soil (high level)										
Blank (7031602-BLK1)										
Prepared & Analyzed: 27-Mar-07										
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031602 - SW846 5030 Soil (high level)										
Blank (7031602-BLK1)										
Prepared & Analyzed: 27-Mar-07										
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
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	*30.1*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*29.5*		µg/kg wet		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.8*		µg/kg wet		*30.0*		*96*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031602 - SW846 5030 Soil (high level)										
Blank (7031602-BLK1)										
Prepared & Analyzed: 27-Mar-07										
Surrogate: Dibromofluoromethane	*29.0*		µg/kg wet		*30.0*		*97*	*70-130*		
LCS (7031602-BS1)										
Prepared & Analyzed: 27-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.2		µg/kg wet		20.0		111	70-130		
Acetone	13.4		µg/kg wet		20.0		67	1.77-175		
Acrylonitrile	20.8		µg/kg wet		20.0		104	70-130		
Benzene	23.0		µg/kg wet		20.0		115	70-130		
Bromobenzene	23.9		µg/kg wet		20.0		120	70-130		
Bromochloromethane	22.1		µg/kg wet		20.0		110	70-130		
Bromodichloromethane	23.0		µg/kg wet		20.0		115	70-130		
Bromoform	24.0		µg/kg wet		20.0		120	70-130		
Bromomethane	22.8		µg/kg wet		20.0		114	55.3-136		
2-Butanone (MEK)	15.1		µg/kg wet		20.0		76	38.8-142		
n-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130		
sec-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130		
tert-Butylbenzene	22.7		µg/kg wet		20.0		114	70-130		
Carbon disulfide	23.1		µg/kg wet		20.0		116	70-130		
Carbon tetrachloride	19.7		µg/kg wet		20.0		98	70-130		
Chlorobenzene	23.4		µg/kg wet		20.0		117	70-130		
Chloroethane	20.0		µg/kg wet		20.0		100	55.3-130		
Chloroform	21.8		µg/kg wet		20.0		109	70-130		
Chloromethane	21.1		µg/kg wet		20.0		106	70-130		
2-Chlorotoluene	23.4		µg/kg wet		20.0		117	70-130		
4-Chlorotoluene	22.8		µg/kg wet		20.0		114	70-130		
1,2-Dibromo-3-chloropropane	21.8		µg/kg wet		20.0		109	70-130		
Dibromochloromethane	22.9		µg/kg wet		20.0		114	64.7-139		
1,2-Dibromoethane (EDB)	23.4		µg/kg wet		20.0		117	70-130		
Dibromomethane	21.9		µg/kg wet		20.0		110	70-130		
1,2-Dichlorobenzene	23.8		µg/kg wet		20.0		119	70-130		
1,3-Dichlorobenzene	23.9		µg/kg wet		20.0		120	70-130		
1,4-Dichlorobenzene	23.0		µg/kg wet		20.0		115	70-130		
Dichlorodifluoromethane (Freon12)	23.8		µg/kg wet		20.0		119	34.4-167		
1,1-Dichloroethane	21.1		µg/kg wet		20.0		106	70-130		
1,2-Dichloroethane	21.4		µg/kg wet		20.0		107	70-130		
1,1-Dichloroethene	20.5		µg/kg wet		20.0		102	70-130		
cis-1,2-Dichloroethene	22.6		µg/kg wet		20.0		113	70-130		
trans-1,2-Dichloroethene	21.1		µg/kg wet		20.0		106	70-130		
1,2-Dichloropropane	22.7		µg/kg wet		20.0		114	70-130		
1,3-Dichloropropane	22.6		µg/kg wet		20.0		113	70-130		
2,2-Dichloropropane	18.9		µg/kg wet		20.0		94	70-130		
1,1-Dichloropropene	22.5		µg/kg wet		20.0		112	70-130		
cis-1,3-Dichloropropene	21.9		µg/kg wet		20.0		110	70-130		
trans-1,3-Dichloropropene	22.4		µg/kg wet		20.0		112	70-130		
Ethylbenzene	22.9		µg/kg wet		20.0		114	70-130		
Hexachlorobutadiene	22.3		µg/kg wet		20.0		112	60.7-140		
2-Hexanone (MBK)	14.0		µg/kg wet		20.0		70	70-130		
Isopropylbenzene	21.7		µg/kg wet		20.0		108	70-130		
4-Isopropyltoluene	22.0		µg/kg wet		20.0		110	70-130		
Methyl tert-butyl ether	21.5		µg/kg wet		20.0		108	70-130		
4-Methyl-2-pentanone (MIBK)	19.0		µg/kg wet		20.0		95	46.1-145		
Methylene chloride	20.0		µg/kg wet		20.0		100	70-130		
Naphthalene	22.0		µg/kg wet		20.0		110	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031602 - SW846 5030 Soil (high level)										
LCS (7031602-BS1)										
Prepared & Analyzed: 27-Mar-07										
n-Propylbenzene	19.3		µg/kg wet		20.0		96	70-130		
Styrene	25.2		µg/kg wet		20.0		126	70-130		
1,1,1,2-Tetrachloroethane	23.6		µg/kg wet		20.0		118	70-130		
1,1,2,2-Tetrachloroethane	22.5		µg/kg wet		20.0		112	70-130		
Tetrachloroethene	20.0		µg/kg wet		20.0		100	70-130		
Toluene	21.0		µg/kg wet		20.0		105	70-130		
1,2,3-Trichlorobenzene	22.5		µg/kg wet		20.0		112	70-130		
1,2,4-Trichlorobenzene	22.5		µg/kg wet		20.0		112	70-130		
1,1,1-Trichloroethane	20.3		µg/kg wet		20.0		102	70-130		
1,1,2-Trichloroethane	23.1		µg/kg wet		20.0		116	70-130		
Trichloroethene	22.5		µg/kg wet		20.0		112	70-130		
Trichlorofluoromethane (Freon 11)	20.6		µg/kg wet		20.0		103	56.8-140		
1,2,3-Trichloropropane	25.1		µg/kg wet		20.0		126	70-130		
1,2,4-Trimethylbenzene	22.7		µg/kg wet		20.0		114	70-130		
1,3,5-Trimethylbenzene	23.5		µg/kg wet		20.0		118	70-130		
Vinyl chloride	21.2		µg/kg wet		20.0		106	70-130		
m,p-Xylene	46.6		µg/kg wet		40.0		116	70-130		
o-Xylene	24.1		µg/kg wet		20.0		120	70-130		
Tetrahydrofuran	20.4		µg/kg wet		20.0		102	70-130		
Ethyl ether	21.3		µg/kg wet		20.0		106	65.3-130		
Tert-amyl methyl ether	20.3		µg/kg wet		20.0		102	70-130		
Ethyl tert-butyl ether	21.7		µg/kg wet		20.0		108	70-130		
Di-isopropyl ether	19.9		µg/kg wet		20.0		100	70-130		
Tert-Butanol / butyl alcohol	195		µg/kg wet		200		98	70-130		
1,4-Dioxane	197		µg/kg wet		200		98	34-155		
Surrogate: 4-Bromofluorobenzene	*30.7*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*29.7*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.8*		µg/kg wet		*30.0*		*93*	*70-130*		
Surrogate: Dibromofluoromethane	*28.9*		µg/kg wet		*30.0*		*96*	*70-130*		
LCS Dup (7031602-BSD1)										
Prepared & Analyzed: 27-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.5		µg/kg wet		20.0		102	70-130	8	25
Acetone	11.7		µg/kg wet		20.0		58	1.77-175	14	50
Acrylonitrile	19.3		µg/kg wet		20.0		96	70-130	8	25
Benzene	21.2		µg/kg wet		20.0		106	70-130	8	25
Bromobenzene	21.8		µg/kg wet		20.0		109	70-130	10	25
Bromochloromethane	20.2		µg/kg wet		20.0		101	70-130	9	25
Bromodichloromethane	21.5		µg/kg wet		20.0		108	70-130	6	25
Bromoform	22.5		µg/kg wet		20.0		112	70-130	7	25
Bromomethane	22.0		µg/kg wet		20.0		110	55.3-136	4	50
2-Butanone (MEK)	14.4		µg/kg wet		20.0		72	38.8-142	5	50
n-Butylbenzene	18.1		µg/kg wet		20.0		90	70-130	11	25
sec-Butylbenzene	19.7		µg/kg wet		20.0		98	70-130	10	25
tert-Butylbenzene	20.4		µg/kg wet		20.0		102	70-130	11	25
Carbon disulfide	17.6	QR5	µg/kg wet		20.0		88	70-130	27	25
Carbon tetrachloride	18.1		µg/kg wet		20.0		90	70-130	9	25
Chlorobenzene	21.3		µg/kg wet		20.0		106	70-130	10	25
Chloroethane	18.3		µg/kg wet		20.0		92	55.3-130	8	50
Chloroform	19.9		µg/kg wet		20.0		100	70-130	9	25
Chloromethane	19.5		µg/kg wet		20.0		98	70-130	8	25
2-Chlorotoluene	20.6		µg/kg wet		20.0		103	70-130	13	25
4-Chlorotoluene	21.1		µg/kg wet		20.0		106	70-130	7	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031602 - SW846 5030 Soil (high level)										
LCS Dup (7031602-BSD1)										
Prepared & Analyzed: 27-Mar-07										
1,2-Dibromo-3-chloropropane	20.3		µg/kg wet		20.0		102	70-130	7	25
Dibromochloromethane	21.5		µg/kg wet		20.0		108	64.7-139	5	50
1,2-Dibromoethane (EDB)	21.8		µg/kg wet		20.0		109	70-130	7	25
Dibromomethane	20.4		µg/kg wet		20.0		102	70-130	8	25
1,2-Dichlorobenzene	21.4		µg/kg wet		20.0		107	70-130	11	25
1,3-Dichlorobenzene	21.5		µg/kg wet		20.0		108	70-130	11	25
1,4-Dichlorobenzene	20.8		µg/kg wet		20.0		104	70-130	10	25
Dichlorodifluoromethane (Freon12)	21.8		µg/kg wet		20.0		109	34.4-167	9	50
1,1-Dichloroethane	19.4		µg/kg wet		20.0		97	70-130	9	25
1,2-Dichloroethane	18.5		µg/kg wet		20.0		92	70-130	15	25
1,1-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130	10	25
cis-1,2-Dichloroethene	20.2		µg/kg wet		20.0		101	70-130	11	25
trans-1,2-Dichloroethene	18.7		µg/kg wet		20.0		94	70-130	12	25
1,2-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130	10	25
1,3-Dichloropropane	21.3		µg/kg wet		20.0		106	70-130	6	25
2,2-Dichloropropane	17.2		µg/kg wet		20.0		86	70-130	9	25
1,1-Dichloropropene	20.8		µg/kg wet		20.0		104	70-130	7	25
cis-1,3-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130	8	25
trans-1,3-Dichloropropene	20.7		µg/kg wet		20.0		104	70-130	7	25
Ethylbenzene	20.6		µg/kg wet		20.0		103	70-130	10	25
Hexachlorobutadiene	19.8		µg/kg wet		20.0		99	60.7-140	12	50
2-Hexanone (MBK)	13.2	QC1	µg/kg wet		20.0		66	70-130	6	25
Isopropylbenzene	19.8		µg/kg wet		20.0		99	70-130	9	25
4-Isopropyltoluene	20.0		µg/kg wet		20.0		100	70-130	10	25
Methyl tert-butyl ether	19.8		µg/kg wet		20.0		99	70-130	9	25
4-Methyl-2-pentanone (MIBK)	17.7		µg/kg wet		20.0		88	46.1-145	8	50
Methylene chloride	17.2		µg/kg wet		20.0		86	70-130	15	25
Naphthalene	19.8		µg/kg wet		20.0		99	70-130	11	25
n-Propylbenzene	18.0		µg/kg wet		20.0		90	70-130	6	25
Styrene	22.5		µg/kg wet		20.0		112	70-130	12	25
1,1,1,2-Tetrachloroethane	21.6		µg/kg wet		20.0		108	70-130	9	25
1,1,2,2-Tetrachloroethane	21.6		µg/kg wet		20.0		108	70-130	4	25
Tetrachloroethene	18.5		µg/kg wet		20.0		92	70-130	8	25
Toluene	19.6		µg/kg wet		20.0		98	70-130	7	25
1,2,3-Trichlorobenzene	20.1		µg/kg wet		20.0		100	70-130	11	25
1,2,4-Trichlorobenzene	20.1		µg/kg wet		20.0		100	70-130	11	25
1,1,1-Trichloroethane	18.4		µg/kg wet		20.0		92	70-130	10	25
1,1,2-Trichloroethane	21.6		µg/kg wet		20.0		108	70-130	7	25
Trichloroethene	20.6		µg/kg wet		20.0		103	70-130	8	25
Trichlorofluoromethane (Freon 11)	18.9		µg/kg wet		20.0		94	56.8-140	9	50
1,2,3-Trichloropropane	23.9		µg/kg wet		20.0		120	70-130	5	25
1,2,4-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130	10	25
1,3,5-Trimethylbenzene	21.2		µg/kg wet		20.0		106	70-130	11	25
Vinyl chloride	19.6		µg/kg wet		20.0		98	70-130	8	25
m,p-Xylene	42.4		µg/kg wet		40.0		106	70-130	9	25
o-Xylene	21.9		µg/kg wet		20.0		110	70-130	9	25
Tetrahydrofuran	21.9		µg/kg wet		20.0		110	70-130	8	25
Ethyl ether	19.7		µg/kg wet		20.0		98	65.3-130	8	50
Tert-amyl methyl ether	19.4		µg/kg wet		20.0		97	70-130	5	25
Ethyl tert-butyl ether	20.1		µg/kg wet		20.0		100	70-130	8	25
Di-isopropyl ether	18.4		µg/kg wet		20.0		92	70-130	8	25
Tert-Butanol / butyl alcohol	198		µg/kg wet		200		99	70-130	1	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031602 - SW846 5030 Soil (high level)										
LCS Dup (7031602-BSD1)										
Prepared & Analyzed: 27-Mar-07										
1,4-Dioxane	196		µg/kg wet		200		98	34-155	0	25
Surrogate: 4-Bromofluorobenzene	*30.3*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.9*		µg/kg wet		*30.0*		*90*	*70-130*		
Surrogate: Dibromofluoromethane	*28.9*		µg/kg wet		*30.0*		*96*	*70-130*		
Matrix Spike (7031602-MS1) **Source: SA59629-11**										
Prepared & Analyzed: 27-Mar-07										
Benzene	21.2		µg/kg dry		20.0	BRL	106	70-130		
Chlorobenzene	20.9		µg/kg dry		20.0	BRL	104	70-130		
1,1-Dichloroethene	20.1		µg/kg dry		20.0	BRL	100	70-130		
Toluene	21.2		µg/kg dry		20.0	BRL	106	70-130		
Trichloroethene	21.2		µg/kg dry		20.0	BRL	106	70-130		
Surrogate: 4-Bromofluorobenzene	*30.4*		µg/kg dry		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*31.2*		µg/kg dry		*30.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.4*		µg/kg dry		*30.0*		*88*	*70-130*		
Surrogate: Dibromofluoromethane	*27.8*		µg/kg dry		*30.0*		*93*	*70-130*		
Matrix Spike Dup (7031602-MSD1) **Source: SA59629-11**										
Prepared & Analyzed: 27-Mar-07										
Benzene	19.4		µg/kg dry		20.0	BRL	97	70-130	9	30
Chlorobenzene	19.3		µg/kg dry		20.0	BRL	96	70-130	8	30
1,1-Dichloroethene	17.7		µg/kg dry		20.0	BRL	88	70-130	13	30
Toluene	19.4		µg/kg dry		20.0	BRL	97	70-130	9	30
Trichloroethene	19.7		µg/kg dry		20.0	BRL	98	70-130	8	30
Surrogate: 4-Bromofluorobenzene	*30.3*		µg/kg dry		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*31.4*		µg/kg dry		*30.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.1*		µg/kg dry		*30.0*		*87*	*70-130*		
Surrogate: Dibromofluoromethane	*27.8*		µg/kg dry		*30.0*		*93*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031160 - SW846 3510C										
Blank (7031160-BLK1)										
Prepared: 21-Mar-07 Analyzed: 22-Mar-07										
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	*0.0430*		mg/l		*0.0500*		*86*	*40-140*		
LCS (7031160-BS1)										
Prepared: 21-Mar-07 Analyzed: 22-Mar-07										
C9-C36 Aliphatic Hydrocarbons	1.4		mg/l	0.05	1.40		100	60-120		
Surrogate: 1-Chlorooctadecane	*0.0520*		mg/l		*0.0500*		*104*	*60-120*		
Batch 7031281 - SW846 3550B										
Blank (7031281-BLK1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
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	*2.93*		mg/kg wet		*3.33*		*88*	*40-140*		
LCS (7031281-BS1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
C9-C36 Aliphatic Hydrocarbons	83.3		mg/kg wet	13.3	93.3		89	60-120		
Surrogate: 1-Chlorooctadecane	*3.72*		mg/kg wet		*3.33*		*112*	*60-120*		
Duplicate (7031281-DUP1) **Source: SA59511-01**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Gasoline	BRL		mg/kg dry	30.3		BRL				50
Fuel Oil #2	BRL		mg/kg dry	30.3		BRL				50
Fuel Oil #4	BRL		mg/kg dry	30.3		BRL				50
Fuel Oil #6	BRL		mg/kg dry	30.3		BRL				50
Motor Oil	BRL		mg/kg dry	30.3		BRL				50
Aviation Fuel	BRL		mg/kg dry	30.3		BRL				50
Unidentified	BRL		mg/kg dry	30.3		BRL				50
Other Oil	BRL		mg/kg dry	30.3		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	30.3		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	30.3		BRL				50
Surrogate: 1-Chlorooctadecane	*2.93*		mg/kg dry		*3.80*		*77*	*40-140*		
Matrix Spike (7031281-MS1) **Source: SA59511-01**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
C9-C36 Aliphatic Hydrocarbons	91.4		mg/kg dry	15.4	108	BRL	85	50-150		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031281 - SW846 3550B										
Matrix Spike (7031281-MS1) **Source: SA59511-01**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Surrogate: 1-Chlorooctadecane	*3.92*		mg/kg dry		*3.87*		*101*	*40-140*		
Matrix Spike Dup (7031281-MSD1) **Source: SA59511-01**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
C9-C36 Aliphatic Hydrocarbons	89.6		mg/kg dry	15.8	111	BRL	81	50-150	5	30
Surrogate: 1-Chlorooctadecane	*3.75*		mg/kg dry		*3.95*		*95*	*40-140*		
Batch 7031284 - SW846 3545A										
Blank (7031284-BLK1)										
Prepared: 22-Mar-07 Analyzed: 26-Mar-07										
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	*2.61*		mg/kg wet		*3.33*		*78*	*40-140*		
LCS (7031284-BS1)										
Prepared: 22-Mar-07 Analyzed: 26-Mar-07										
C9-C36 Aliphatic Hydrocarbons	102		mg/kg wet	13.3	93.3		109	60-120		
Surrogate: 1-Chlorooctadecane	*3.84*		mg/kg wet		*3.33*		*115*	*60-120*		
Duplicate (7031284-DUP1) **Source: SA59455-03**										
Prepared: 22-Mar-07 Analyzed: 26-Mar-07										
Gasoline	BRL		mg/kg dry	28.5		BRL				50
Fuel Oil #2	BRL		mg/kg dry	28.5		BRL				50
Fuel Oil #4	BRL		mg/kg dry	28.5		BRL				50
Fuel Oil #6	BRL		mg/kg dry	28.5		BRL				50
Motor Oil	BRL		mg/kg dry	28.5		BRL				50
Aviation Fuel	BRL		mg/kg dry	28.5		BRL				50
Unidentified	BRL		mg/kg dry	28.5		BRL				50
Other Oil	BRL		mg/kg dry	28.5		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.5		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.5		BRL				50
Surrogate: 1-Chlorooctadecane	*3.26*		mg/kg dry		*3.57*		*91*	*40-140*		
Matrix Spike (7031284-MS1) **Source: SA59455-03**										
Prepared: 22-Mar-07 Analyzed: 26-Mar-07										
C9-C36 Aliphatic Hydrocarbons	73.8		mg/kg dry	14.3	100	BRL	74	50-150		
Surrogate: 1-Chlorooctadecane	*3.06*		mg/kg dry		*3.58*		*85*	*40-140*		
Matrix Spike Dup (7031284-MSD1) **Source: SA59455-03**										
Prepared: 22-Mar-07 Analyzed: 26-Mar-07										
C9-C36 Aliphatic Hydrocarbons	86.9		mg/kg dry	14.4	101	BRL	86	50-150	15	30
Surrogate: 1-Chlorooctadecane	*3.40*		mg/kg dry		*3.61*		*94*	*40-140*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031270 - SW846 3510C										
Blank (7031270-BLK1)										
Prepared & Analyzed: 22-Mar-07										
Aldrin	BRL		µg/l	0.0100						
a-BHC	BRL		µg/l	0.0100						
b-BHC	BRL		µg/l	0.0100						
d-BHC	BRL		µg/l	0.0100						
g-BHC (Lindane)	BRL		µg/l	0.0100						
Chlordane	BRL		µg/l	0.0500						
4,4-DDD (p,p')	BRL		µg/l	0.0100						
4,4-DDE (p,p')	BRL		µg/l	0.0100						
4,4-DDT (p,p')	BRL		µg/l	0.0100						
Dieldrin	BRL		µg/l	0.0100						
Endosulfan I	BRL		µg/l	0.0100						
Endosulfan II	BRL		µg/l	0.0100						
Endosulfan Sulfate	BRL		µg/l	0.0100						
Endrin	BRL		µg/l	0.0100						
Endrin Aldehyde	BRL		µg/l	0.0100						
Heptachlor	BRL		µg/l	0.0100						
Methoxychlor	BRL		µg/l	0.0100						
Heptachlor Epoxide	BRL		µg/l	0.0100						
Toxaphene	BRL		µg/l	0.0500						
a-Chlordane	BRL		µg/l	0.0100						
g-Chlordane	BRL		µg/l	0.0100						
Endrin Ketone	BRL		µg/l	0.0100						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0177*		µg/l		*0.0200*		*88*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0190*		µg/l		*0.0200*		*95*	*30-150*		
LCS (7031270-BS1)										
Prepared & Analyzed: 22-Mar-07										
Aldrin	0.0171		µg/l	0.0100	0.0200		86	40-140		
a-BHC	0.0137		µg/l	0.0100	0.0200		68	40-140		
b-BHC	0.0126		µg/l	0.0100	0.0200		63	40-140		
d-BHC	0.0083		µg/l	0.0100	0.0200		42	40-140		
g-BHC (Lindane)	0.0143		µg/l	0.0100	0.0200		72	40-140		
4,4-DDD (p,p')	0.0148		µg/l	0.0100	0.0200		74	40-140		
4,4-DDE (p,p')	0.0152		µg/l	0.0100	0.0200		76	40-140		
4,4-DDT (p,p')	0.0187		µg/l	0.0100	0.0200		94	40-140		
Dieldrin	0.0160		µg/l	0.0100	0.0200		80	40-140		
Endosulfan I	0.0154		µg/l	0.0100	0.0200		77	40-140		
Endosulfan II	0.0163		µg/l	0.0100	0.0200		82	40-140		
Endosulfan Sulfate	0.0146		µg/l	0.0100	0.0200		73	40-140		
Endrin	0.0167		µg/l	0.0100	0.0200		84	40-140		
Endrin Aldehyde	0.0192		µg/l	0.0100	0.0200		96	40-140		
Heptachlor	0.0164		µg/l	0.0100	0.0200		82	40-140		
Methoxychlor	0.0183		µg/l	0.0100	0.0200		92	40-140		
Heptachlor Epoxide	0.0168		µg/l	0.0100	0.0200		84	40-140		
a-Chlordane	0.0151		µg/l	0.0100	0.0200		76	40-140		
g-Chlordane	0.0129		µg/l	0.0100	0.0200		64	40-140		
Endrin Ketone	0.0168		µg/l	0.0100	0.0200		84	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0142*		µg/l		*0.0200*		*71*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0163*		µg/l		*0.0200*		*82*	*40-140*		
LCS Dup (7031270-BSD1)										
Prepared & Analyzed: 22-Mar-07										
Aldrin	0.0177		µg/l	0.0100	0.0200		88	40-140	2	20
a-BHC	0.0132		µg/l	0.0100	0.0200		66	40-140	3	20

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031270 - SW846 3510C										
LCS Dup (7031270-BSD1)										
Prepared & Analyzed: 22-Mar-07										
b-BHC	0.0129		µg/l	0.0100	0.0200		64	40-140	2	20
d-BHC	0.0084		µg/l	0.0100	0.0200		42	40-140	0	20
g-BHC (Lindane)	0.0138		µg/l	0.0100	0.0200		69	40-140	4	20
4,4-DDD (p,p')	0.0151		µg/l	0.0100	0.0200		76	40-140	3	20
4,4-DDE (p,p')	0.0150		µg/l	0.0100	0.0200		75	40-140	1	20
4,4-DDT (p,p')	0.0165		µg/l	0.0100	0.0200		82	40-140	14	20
Dieldrin	0.0169		µg/l	0.0100	0.0200		84	40-140	5	20
Endosulfan I	0.0153		µg/l	0.0100	0.0200		76	40-140	1	20
Endosulfan II	0.0165		µg/l	0.0100	0.0200		82	40-140	0	20
Endosulfan Sulfate	0.0148		µg/l	0.0100	0.0200		74	40-140	1	20
Endrin	0.0163		µg/l	0.0100	0.0200		82	40-140	2	20
Endrin Aldehyde	0.0194		µg/l	0.0100	0.0200		97	40-140	1	20
Heptachlor	0.0161		µg/l	0.0100	0.0200		81	40-140	1	20
Methoxychlor	0.0174		µg/l	0.0100	0.0200		87	40-140	6	20
Heptachlor Epoxide	0.0164		µg/l	0.0100	0.0200		82	40-140	2	20
a-Chlordane	0.0148		µg/l	0.0100	0.0200		74	40-140	3	20
g-Chlordane	0.0125		µg/l	0.0100	0.0200		62	40-140	3	20
Endrin Ketone	0.0165		µg/l	0.0100	0.0200		82	40-140	2	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0152*		µg/l		*0.0200*		*76*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0164*		µg/l		*0.0200*		*82*	*40-140*		
Batch 7031271 - SW846 3510C										
Blank (7031271-BLK1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
PCB 1016	BRL		µg/l	0.200						
PCB 1221	BRL		µg/l	0.200						
PCB 1232	BRL		µg/l	0.200						
PCB 1242	BRL		µg/l	0.200						
PCB 1248	BRL		µg/l	0.200						
PCB 1254	BRL		µg/l	0.200						
PCB 1260	BRL		µg/l	0.200						
PCB 1262	BRL		µg/l	0.200						
PCB 1268	BRL		µg/l	0.200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.170*		µg/l		*0.200*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.210*		µg/l		*0.200*		*105*	*30-150*		
LCS (7031271-BS1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
PCB 1016	2.65		µg/l	0.200	2.50		106	40-140		
PCB 1260	2.76		µg/l	0.200	2.50		110	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.170*		µg/l		*0.200*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.210*		µg/l		*0.200*		*105*	*30-150*		
LCS Dup (7031271-BSD1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
PCB 1016	2.61		µg/l	0.200	2.50		104	40-140	2	20
PCB 1260	3.01		µg/l	0.200	2.50		120	40-140	9	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.170*		µg/l		*0.200*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.230*		µg/l		*0.200*		*115*	*30-150*		
Batch 7031274 - SW846 3550B										
Blank (7031274-BLK1)										
Prepared & Analyzed: 22-Mar-07										
PCB 1016	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 7031274 - SW846 3550B										
Blank (7031274-BLK1)										
Prepared & Analyzed: 22-Mar-07										
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.1*		µg/kg wet		*28.6*		*95*	*30-150*		
LCS (7031274-BS1)										
Prepared & Analyzed: 22-Mar-07										
PCB 1016	390		µg/kg wet	28.6	357		109	40-140		
PCB 1260	416		µg/kg wet	28.6	357		117	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.0*		µg/kg wet		*28.6*		*105*	*30-150*		
LCS Dup (7031274-BSD1)										
Prepared & Analyzed: 22-Mar-07										
PCB 1016	406		µg/kg wet	28.6	357		114	40-140	4	30
PCB 1260	433		µg/kg wet	28.6	357		121	40-140	3	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.6*		µg/kg wet		*28.6*		*100*	*30-150*		
Duplicate (7031274-DUP1) **Source: SA59548-02**										
Prepared & Analyzed: 22-Mar-07										
PCB 1016	BRL		µg/kg dry	31.3		BRL				40
PCB 1221	BRL		µg/kg dry	31.3		BRL				40
PCB 1232	BRL		µg/kg dry	31.3		BRL				40
PCB 1242	BRL		µg/kg dry	31.3		BRL				40
PCB 1248	BRL		µg/kg dry	31.3		BRL				40
PCB 1254	BRL		µg/kg dry	31.3		BRL				40
PCB 1260	BRL		µg/kg dry	31.3		BRL				40
PCB 1262	BRL		µg/kg dry	31.3		BRL				40
PCB 1268	BRL		µg/kg dry	31.3		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.9*		µg/kg dry		*31.3*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.3*		µg/kg dry		*31.3*		*100*	*30-150*		
Matrix Spike (7031274-MS1) **Source: SA59548-02**										
Prepared & Analyzed: 22-Mar-07										
PCB 1016	405		µg/kg dry	30.5	381	BRL	106	40-140		
PCB 1260	446		µg/kg dry	30.5	381	BRL	117	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.3*		µg/kg dry		*30.5*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.9*		µg/kg dry		*30.5*		*95*	*30-150*		
Matrix Spike Dup (7031274-MSD1) **Source: SA59548-02**										
Prepared & Analyzed: 22-Mar-07										
PCB 1016	428		µg/kg dry	31.0	387	BRL	111	40-140	5	50
PCB 1260	469		µg/kg dry	31.0	387	BRL	121	40-140	3	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg dry		*31.0*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*29.4*		µg/kg dry		*31.0*		*95*	*30-150*		
Batch 7031275 - SW846 3550B										
Blank (7031275-BLK1)										
Prepared: 22-Mar-07 Analyzed: 25-Mar-07										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031275 - SW846 3550B										
Blank (7031275-BLK1)										
Prepared: 22-Mar-07 Analyzed: 25-Mar-07										
Aldrin	BRL		µg/kg wet	14.3						
a-BHC	BRL		µg/kg wet	14.3						
b-BHC	BRL		µg/kg wet	14.3						
d-BHC	BRL		µg/kg wet	14.3						
g-BHC (Lindane)	BRL		µg/kg wet	14.3						
Chlordane	BRL		µg/kg wet	71.5						
4,4-DDD (p,p')	BRL		µg/kg wet	14.3						
4,4-DDE (p,p')	BRL		µg/kg wet	14.3						
4,4-DDT (p,p')	BRL		µg/kg wet	14.3						
Dieldrin	BRL		µg/kg wet	14.3						
Endosulfan I	BRL		µg/kg wet	14.3						
Endosulfan II	BRL		µg/kg wet	14.3						
Endosulfan Sulfate	BRL		µg/kg wet	14.3						
Endrin	BRL		µg/kg wet	14.3						
Endrin Aldehyde	BRL		µg/kg wet	14.3						
Heptachlor	BRL		µg/kg wet	14.3						
Methoxychlor	BRL		µg/kg wet	14.3						
Heptachlor Epoxide	BRL		µg/kg wet	14.3						
Toxaphene	BRL		µg/kg wet	71.5						
a-Chlordane	BRL		µg/kg wet	14.3						
g-Chlordane	BRL		µg/kg wet	14.3						
Endrin Ketone	BRL		µg/kg wet	14.3						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.6*		µg/kg wet		*28.6*		*62*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.4*		µg/kg wet		*28.6*		*96*	*30-150*		
LCS (7031275-BS1)										
Prepared: 22-Mar-07 Analyzed: 25-Mar-07										
Aldrin	24.9		µg/kg wet	14.3	28.6		87	40-140		
a-BHC	22.6		µg/kg wet	14.3	28.6		79	40-140		
b-BHC	21.9		µg/kg wet	14.3	28.6		77	40-140		
d-BHC	11.5		µg/kg wet	14.3	28.6		40	40-140		
g-BHC (Lindane)	22.6		µg/kg wet	14.3	28.6		79	40-140		
4,4-DDD (p,p')	22.8		µg/kg wet	14.3	28.6		80	40-140		
4,4-DDE (p,p')	25.7		µg/kg wet	14.3	28.6		90	40-140		
4,4-DDT (p,p')	29.9		µg/kg wet	14.3	28.6		105	40-140		
Dieldrin	26.2		µg/kg wet	14.3	28.6		92	40-140		
Endosulfan I	27.8		µg/kg wet	14.3	28.6		97	40-140		
Endosulfan II	28.0		µg/kg wet	14.3	28.6		98	40-140		
Endosulfan Sulfate	26.3		µg/kg wet	14.3	28.6		92	40-140		
Endrin	29.9		µg/kg wet	14.3	28.6		105	40-140		
Endrin Aldehyde	27.8		µg/kg wet	14.3	28.6		97	40-140		
Heptachlor	26.5		µg/kg wet	14.3	28.6		93	40-140		
Methoxychlor	31.9		µg/kg wet	14.3	28.6		112	40-140		
Heptachlor Epoxide	27.5		µg/kg wet	14.3	28.6		96	40-140		
a-Chlordane	25.8		µg/kg wet	14.3	28.6		90	40-140		
g-Chlordane	25.6		µg/kg wet	14.3	28.6		90	40-140		
Endrin Ketone	28.8		µg/kg wet	14.3	28.6		101	40-140		
2,4,5,6-TC-M-Xylene (IS)	0.020		µg/kg wet		10.0		198	50-200		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.7*		µg/kg wet		*28.6*		*62*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*29.9*		µg/kg wet		*28.6*		*105*	*40-140*		
LCS Dup (7031275-BSD1)										
Prepared: 22-Mar-07 Analyzed: 25-Mar-07										
Aldrin	23.2		µg/kg wet	14.3	28.6		81	40-140	7	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 7031275 - SW846 3550B										
LCS Dup (7031275-BSD1)										
Prepared: 22-Mar-07 Analyzed: 25-Mar-07										
a-BHC	20.9		µg/kg wet	14.3	28.6		73	40-140	8	30
b-BHC	21.4		µg/kg wet	14.3	28.6		75	40-140	3	30
d-BHC	11.7		µg/kg wet	14.3	28.6		41	40-140	2	30
g-BHC (Lindane)	21.3		µg/kg wet	14.3	28.6		74	40-140	7	30
4,4-DDD (p,p')	22.9		µg/kg wet	14.3	28.6		80	40-140	0	30
4,4-DDE (p,p')	22.7		µg/kg wet	14.3	28.6		79	40-140	13	30
4,4-DDT (p,p')	25.4		µg/kg wet	14.3	28.6		89	40-140	16	30
Dieldrin	23.4		µg/kg wet	14.3	28.6		82	40-140	11	30
Endosulfan I	24.5		µg/kg wet	14.3	28.6		86	40-140	12	30
Endosulfan II	24.8		µg/kg wet	14.3	28.6		87	40-140	12	30
Endosulfan Sulfate	24.1		µg/kg wet	14.3	28.6		84	40-140	9	30
Endrin	26.3		µg/kg wet	14.3	28.6		92	40-140	13	30
Endrin Aldehyde	29.8		µg/kg wet	14.3	28.6		104	40-140	7	30
Heptachlor	24.8		µg/kg wet	14.3	28.6		87	40-140	7	30
Methoxychlor	30.3		µg/kg wet	14.3	28.6		106	40-140	6	30
Heptachlor Epoxide	24.5		µg/kg wet	14.3	28.6		86	40-140	11	30
a-Chlordane	23.4		µg/kg wet	14.3	28.6		82	40-140	9	30
g-Chlordane	23.6		µg/kg wet	14.3	28.6		83	40-140	8	30
Endrin Ketone	26.6		µg/kg wet	14.3	28.6		93	40-140	8	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg wet		*28.6*		*60*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*27.7*		µg/kg wet		*28.6*		*97*	*40-140*		
Duplicate (7031275-DUP1) **Source: SA59548-02**										
Prepared: 22-Mar-07 Analyzed: 25-Mar-07										
Aldrin	BRL		µg/kg dry	15.7		BRL				30
a-BHC	BRL		µg/kg dry	15.7		BRL				30
b-BHC	BRL		µg/kg dry	15.7		BRL				30
d-BHC	BRL		µg/kg dry	15.7		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	15.7		BRL				30
Chlordane	BRL		µg/kg dry	78.3		BRL				30
4,4-DDD (p,p')	BRL		µg/kg dry	15.7		BRL				30
4,4-DDE (p,p')	BRL		µg/kg dry	15.7		BRL				30
4,4-DDT (p,p')	BRL		µg/kg dry	15.7		BRL				30
Dieldrin	BRL		µg/kg dry	15.7		BRL				30
Endosulfan I	BRL		µg/kg dry	15.7		BRL				30
Endosulfan II	BRL		µg/kg dry	15.7		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	15.7		BRL				30
Endrin	BRL		µg/kg dry	15.7		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	15.7		BRL				30
Heptachlor	BRL		µg/kg dry	15.7		BRL				30
Methoxychlor	BRL		µg/kg dry	15.7		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	15.7		BRL				30
Toxaphene	BRL		µg/kg dry	78.3		BRL				30
a-Chlordane	BRL		µg/kg dry	15.7		BRL				30
g-Chlordane	BRL		µg/kg dry	15.7		BRL				30
Endrin Ketone	BRL		µg/kg dry	15.7		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.5*		µg/kg dry		*31.3*		*69*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*38.0*		µg/kg dry		*31.3*		*121*	*30-150*		
Matrix Spike (7031275-MS1) **Source: SA59548-02**										
Prepared: 22-Mar-07 Analyzed: 25-Mar-07										
Aldrin	29.0		µg/kg dry	15.6	31.2	BRL	93	30-150		
a-BHC	25.6		µg/kg dry	15.6	31.2	BRL	82	30-150		
b-BHC	27.3		µg/kg dry	15.6	31.2	BRL	87	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 7031275 - SW846 3550B										
Matrix Spike (7031275-MS1) **Source: SA59548-02**										
Prepared: 22-Mar-07 Analyzed: 25-Mar-07										
d-BHC	13.4		µg/kg dry	15.6	31.2	BRL	43	30-150		
g-BHC (Lindane)	26.3		µg/kg dry	15.6	31.2	BRL	84	30-150		
4,4-DDD (p,p')	32.2		µg/kg dry	15.6	31.2	BRL	103	30-150		
4,4-DDE (p,p')	32.1		µg/kg dry	15.6	31.2	BRL	103	30-150		
4,4-DDT (p,p')	36.5		µg/kg dry	15.6	31.2	BRL	117	30-150		
Dieldrin	29.6		µg/kg dry	15.6	31.2	BRL	95	30-150		
Endosulfan I	33.0		µg/kg dry	15.6	31.2	BRL	106	30-150		
Endosulfan II	34.7		µg/kg dry	15.6	31.2	BRL	111	30-150		
Endosulfan Sulfate	32.0		µg/kg dry	15.6	31.2	BRL	103	30-150		
Endrin	34.8		µg/kg dry	15.6	31.2	BRL	112	30-150		
Endrin Aldehyde	32.1		µg/kg dry	15.6	31.2	BRL	103	30-150		
Heptachlor	30.6		µg/kg dry	15.6	31.2	BRL	98	30-150		
Methoxychlor	38.1		µg/kg dry	15.6	31.2	BRL	122	30-150		
Heptachlor Epoxide	31.5		µg/kg dry	15.6	31.2	BRL	101	30-150		
a-Chlordane	29.8		µg/kg dry	15.6	31.2	BRL	96	30-150		
g-Chlordane	38.6		µg/kg dry	15.6	31.2	BRL	124	30-150		
Endrin Ketone	32.5		µg/kg dry	15.6	31.2	BRL	104	30-150		
2,4,5,6-TC-M-Xylene (IS)	0.020		µg/kg dry		10.0		126	50-200		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.6*		µg/kg dry		*31.2*		*69*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*41.5*		µg/kg dry		*31.2*		*133*	*30-150*		
Matrix Spike Dup (7031275-MSD1) **Source: SA59548-02**										
Prepared: 22-Mar-07 Analyzed: 25-Mar-07										
Aldrin	28.7		µg/kg dry	15.8	31.5	BRL	91	30-150	2	30
a-BHC	26.0		µg/kg dry	15.8	31.5	BRL	83	30-150	1	30
b-BHC	27.4		µg/kg dry	15.8	31.5	BRL	87	30-150	0	30
d-BHC	13.6		µg/kg dry	15.8	31.5	BRL	43	30-150	0	30
g-BHC (Lindane)	25.9		µg/kg dry	15.8	31.5	BRL	82	30-150	2	30
4,4-DDD (p,p')	31.3		µg/kg dry	15.8	31.5	BRL	99	30-150	4	30
4,4-DDE (p,p')	31.4		µg/kg dry	15.8	31.5	BRL	100	30-150	3	30
4,4-DDT (p,p')	34.7		µg/kg dry	15.8	31.5	BRL	110	30-150	6	30
Dieldrin	30.5		µg/kg dry	15.8	31.5	BRL	97	30-150	2	30
Endosulfan I	32.1		µg/kg dry	15.8	31.5	BRL	102	30-150	4	30
Endosulfan II	34.0		µg/kg dry	15.8	31.5	BRL	108	30-150	3	30
Endosulfan Sulfate	31.7		µg/kg dry	15.8	31.5	BRL	101	30-150	2	30
Endrin	36.3		µg/kg dry	15.8	31.5	BRL	115	30-150	3	30
Endrin Aldehyde	28.7		µg/kg dry	15.8	31.5	BRL	91	30-150	12	30
Heptachlor	30.6		µg/kg dry	15.8	31.5	BRL	97	30-150	1	30
Methoxychlor	39.0		µg/kg dry	15.8	31.5	BRL	124	30-150	2	30
Heptachlor Epoxide	30.8		µg/kg dry	15.8	31.5	BRL	98	30-150	3	30
a-Chlordane	31.0		µg/kg dry	15.8	31.5	BRL	98	30-150	2	50
g-Chlordane	40.0		µg/kg dry	15.8	31.5	BRL	127	30-150	2	50
Endrin Ketone	33.6		µg/kg dry	15.8	31.5	BRL	107	30-150	3	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.3*		µg/kg dry		*31.5*		*68*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*39.2*		µg/kg dry		*31.5*		*124*	*30-150*		
Batch 7031313 - SW846 3545A										
Blank (7031313-BLK1)										
Prepared: 22-Mar-07 Analyzed: 24-Mar-07										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031313 - SW846 3545A										
Blank (7031313-BLK1)										
Prepared: 22-Mar-07 Analyzed: 24-Mar-07										
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.1*		µg/kg wet		*28.6*		*95*	*30-150*		
LCS (7031313-BS1)										
Prepared: 22-Mar-07 Analyzed: 26-Mar-07										
PCB 1016	400		µg/kg wet	28.6	357		112	40-140		
PCB 1260	436		µg/kg wet	28.6	357		122	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.6*		µg/kg wet		*28.6*		*100*	*30-150*		
LCS Dup (7031313-BSD1)										
Prepared: 22-Mar-07 Analyzed: 26-Mar-07										
PCB 1016	400		µg/kg wet	28.6	357		112	40-140	0	30
PCB 1260	433		µg/kg wet	28.6	357		121	40-140	0.8	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*34.3*		µg/kg wet		*28.6*		*120*	*30-150*		
Duplicate (7031313-DUP1) **Source: SA59578-02**										
Prepared: 22-Mar-07 Analyzed: 24-Mar-07										
PCB 1016	BRL		µg/kg dry	34.6		BRL				40
PCB 1221	BRL		µg/kg dry	34.6		BRL				40
PCB 1232	BRL		µg/kg dry	34.6		BRL				40
PCB 1242	BRL		µg/kg dry	34.6		BRL				40
PCB 1248	BRL		µg/kg dry	34.6		BRL				40
PCB 1254	BRL		µg/kg dry	34.6		BRL				40
PCB 1260	8.63	J	µg/kg dry	34.6		6.99			21	40
PCB 1262	BRL		µg/kg dry	34.6		BRL				40
PCB 1268	BRL		µg/kg dry	34.6		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.4*		µg/kg dry		*34.5*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*34.5*		µg/kg dry		*34.5*		*100*	*30-150*		
Matrix Spike (7031313-MS1) **Source: SA59578-02**										
Prepared: 22-Mar-07 Analyzed: 24-Mar-07										
PCB 1016	479		µg/kg dry	35.5	444	BRL	108	40-140		
PCB 1260	533		µg/kg dry	35.5	444	6.99	118	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.3*		µg/kg dry		*35.5*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*33.7*		µg/kg dry		*35.5*		*95*	*30-150*		
Matrix Spike Dup (7031313-MSD1) **Source: SA59578-02**										
Prepared: 22-Mar-07 Analyzed: 26-Mar-07										
PCB 1016	475		µg/kg dry	34.4	430	BRL	110	40-140	2	50
PCB 1260	552		µg/kg dry	34.4	430	6.99	127	40-140	7	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.6*		µg/kg dry		*34.4*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*37.8*		µg/kg dry		*34.4*		*110*	*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 7031272 - SW846 3510C										
Blank (7031272-BLK1)										
Prepared & Analyzed: 22-Mar-07										
Acenaphthene	BRL		µg/l	0.050						
Acenaphthene	BRL		µg/l	1.00						
Acenaphthylene	BRL		µg/l	0.400						
Acenaphthylene	BRL		µg/l	0.050						
Aniline	BRL		µg/l	1.00						
1-Methylnaphthalene	BRL		µg/l	1.00						
1-Methylnaphthalene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	1.00						
Atrazine	BRL		µg/l	1.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	1.00						
Benzidine	BRL		µg/l	1.00						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) anthracene	BRL		µg/l	0.200						
Benzo (a) pyrene	BRL		µg/l	0.200						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	0.200						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	1.00						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Benzo (k) fluoranthene	BRL		µg/l	0.300						
Benzoic acid	BRL		µg/l	1.00						
Benzyl alcohol	BRL		µg/l	1.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	1.00						
Bis(2-chloroethyl)ether	BRL		µg/l	1.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	1.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	1.00						
4-Bromophenyl phenyl ether	BRL		µg/l	1.00						
Butyl benzyl phthalate	BRL		µg/l	1.00						
Carbazole	BRL		µg/l	1.00						
4-Chloro-3-methylphenol	BRL		µg/l	1.00						
4-Chloroaniline	BRL		µg/l	1.00						
2-Chloronaphthalene	BRL		µg/l	1.00						
2-Chlorophenol	BRL		µg/l	1.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	1.00						
Chrysene	BRL		µg/l	1.00						
Chrysene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	0.200						
Dibenzofuran	BRL		µg/l	1.00						
1,2-Dichlorobenzene	BRL		µg/l	1.00						
1,3-Dichlorobenzene	BRL		µg/l	1.00						
1,4-Dichlorobenzene	BRL		µg/l	1.00						
3,3'-Dichlorobenzidine	BRL		µg/l	1.00						
2,4-Dichlorophenol	BRL		µg/l	1.00						
Diethyl phthalate	BRL		µg/l	1.00						
Dimethyl phthalate	BRL		µg/l	1.00						
2,4-Dimethylphenol	BRL		µg/l	1.00						
Di-n-butyl phthalate	BRL		µg/l	1.00						
4,6-Dinitro-2-methylphenol	BRL		µg/l	1.00						
2,4-Dinitrophenol	BRL		µg/l	1.00						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031272 - SW846 3510C										
Blank (7031272-BLK1)										
Prepared & Analyzed: 22-Mar-07										
2,4-Dinitrotoluene	BRL		µg/l	1.00						
2,6-Dinitrotoluene	BRL		µg/l	1.00						
Di-n-octyl phthalate	BRL		µg/l	1.00						
Fluoranthene	BRL		µg/l	0.050						
Fluoranthene	BRL		µg/l	1.00						
Fluorene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	1.00						
Hexachlorobenzene	BRL		µg/l	1.00						
Hexachlorobutadiene	BRL		µg/l	0.600						
Hexachlorocyclopentadiene	BRL		µg/l	1.00						
Hexachloroethane	BRL		µg/l	1.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.200						
Isophorone	BRL		µg/l	1.00						
2-Methylnaphthalene	BRL		µg/l	1.00						
2-Methylnaphthalene	BRL		µg/l	0.050						
2-Methylphenol	BRL		µg/l	1.00						
3,4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	0.050						
Naphthalene	BRL		µg/l	1.00						
2-Nitroaniline	BRL		µg/l	1.00						
3-Nitroaniline	BRL		µg/l	1.00						
4-Nitroaniline	BRL		µg/l	1.00						
Nitrobenzene	BRL		µg/l	1.00						
2-Nitrophenol	BRL		µg/l	1.00						
4-Nitrophenol	BRL		µg/l	1.00						
N-Nitrosodimethylamine	BRL		µg/l	1.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	1.00						
N-Nitrosodiphenylamine	BRL		µg/l	1.00						
Pentachlorophenol	BRL		µg/l	1.00						
Phenanthrene	BRL		µg/l	0.050						
Phenanthrene	BRL		µg/l	1.00						
Phenol	BRL		µg/l	1.00						
Pyrene	BRL		µg/l	0.050						
Pyrene	BRL		µg/l	1.00						
Pyridine	BRL		µg/l	1.00						
Hexachlorobenzene	BRL		µg/l	1.00						
Hexachloroethane	BRL		µg/l	1.00						
1,2,4-Trichlorobenzene	BRL		µg/l	1.00						
Pentachlorophenol	BRL		µg/l	1.00						
2,4,5-Trichlorophenol	BRL		µg/l	1.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
2,4,6-Trichlorophenol	BRL		µg/l	1.00						
Surrogate: 2-Fluorobiphenyl	*88.4*		µg/l		*100*		*88*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*88.4*		µg/l		*100*		*88*	*30-130*		
Surrogate: 2-Fluorophenol	*88.8*		µg/l		*100*		*89*	*15-110*		
Surrogate: Nitrobenzene-d5	*101*		µg/l		*100*		*101*	*30-130*		
Surrogate: Phenol-d5	*84.6*		µg/l		*100*		*85*	*15-110*		
Surrogate: Terphenyl-dl4	*99.7*		µg/l		*100*		*100*	*30-130*		
Surrogate: Terphenyl-dl4	*99.7*		µg/l		*100*		*100*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*67.8*		µg/l		*100*		*68*	*15-110*		
LCS (7031272-BS1)										
Prepared & Analyzed: 22-Mar-07										

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031272 - SW846 3510C										
LCS (7031272-BS1)										
Prepared & Analyzed: 22-Mar-07										
Acenaphthene	78.5		µg/l	0.050	100		78	40-140		
Acenaphthene	78.5		µg/l	1.00	100		78	40-140		
Acenaphthylene	87.8		µg/l	0.400	100		88	40-140		
Acenaphthylene	87.8		µg/l	0.050	100		88	40-140		
1-Methylnaphthalene	82.2		µg/l	0.050	100		82	40-140		
1-Methylnaphthalene	82.2		µg/l	1.00	100		82	40-140		
Aniline	112		µg/l	1.00	100		112	40-140		
Anthracene	89.5		µg/l	0.050	100		90	40-140		
Anthracene	89.5		µg/l	1.00	100		90	40-140		
Atrazine	115		µg/l	1.00	100		115	0-200		
Azobenzene/Diphenyldiazine	105		µg/l	1.00	100		105	40-140		
Benzidine	108		µg/l	1.00	100		108	40-140		
Benzo (a) anthracene	78.5		µg/l	0.050	100		78	40-140		
Benzo (a) anthracene	78.5		µg/l	0.200	100		78	40-140		
Benzo (a) pyrene	86.1		µg/l	0.050	100		86	40-140		
Benzo (a) pyrene	86.1		µg/l	0.200	100		86	40-140		
Benzo (b) fluoranthene	77.9		µg/l	0.200	100		78	40-140		
Benzo (b) fluoranthene	77.9		µg/l	0.050	100		78	40-140		
Benzo (g,h,i) perylene	71.0		µg/l	1.00	100		71	40-140		
Benzo (g,h,i) perylene	71.0		µg/l	0.050	100		71	40-140		
Benzo (k) fluoranthene	97.5		µg/l	0.300	100		98	40-140		
Benzo (k) fluoranthene	97.5		µg/l	0.050	100		98	40-140		
Benzoic acid	83.5		µg/l	1.00	100		84	30-130		
Benzyl alcohol	80.0		µg/l	1.00	100		80	40-140		
Bis(2-chloroethoxy)methane	87.6		µg/l	1.00	100		88	40-140		
Bis(2-chloroethyl)ether	91.6		µg/l	1.00	100		92	40-140		
Bis(2-chloroisopropyl)ether	56.0		µg/l	1.00	100		56	40-140		
Bis(2-ethylhexyl)phthalate	96.4		µg/l	1.00	100		96	40-140		
4-Bromophenyl phenyl ether	79.1		µg/l	1.00	100		79	40-140		
Butyl benzyl phthalate	94.5		µg/l	1.00	100		94	40-140		
Carbazole	118		µg/l	1.00	100		118	40-140		
4-Chloro-3-methylphenol	82.0		µg/l	1.00	100		82	30-130		
4-Chloroaniline	80.4		µg/l	1.00	100		80	40-140		
2-Chloronaphthalene	82.1		µg/l	1.00	100		82	40-140		
2-Chlorophenol	68.6		µg/l	1.00	100		69	30-130		
4-Chlorophenyl phenyl ether	81.2		µg/l	1.00	100		81	40-140		
Chrysene	81.9		µg/l	1.00	100		82	40-140		
Chrysene	81.9		µg/l	0.050	100		82	40-140		
Dibenzo (a,h) anthracene	81.4		µg/l	0.050	100		81	40-140		
Dibenzo (a,h) anthracene	81.4		µg/l	0.200	100		81	40-140		
Dibenzofuran	83.3		µg/l	1.00	100		83	40-140		
1,2-Dichlorobenzene	74.0		µg/l	1.00	100		74	40-140		
1,3-Dichlorobenzene	64.6		µg/l	1.00	100		65	40-140		
1,4-Dichlorobenzene	76.4		µg/l	1.00	100		76	40-140		
3,3'-Dichlorobenzidine	90.0		µg/l	1.00	100		90	40-140		
2,4-Dichlorophenol	74.2		µg/l	1.00	100		74	30-130		
Diethyl phthalate	83.3		µg/l	1.00	100		83	40-140		
Dimethyl phthalate	79.5		µg/l	1.00	100		80	40-140		
2,4-Dimethylphenol	75.0		µg/l	1.00	100		75	30-130		
Di-n-butyl phthalate	86.1		µg/l	1.00	100		86	40-140		
4,6-Dinitro-2-methylphenol	72.2		µg/l	1.00	100		72	30-130		
2,4-Dinitrophenol	84.7		µg/l	1.00	100		85	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 7031272 - SW846 3510C										
LCS (7031272-BS1)										
Prepared & Analyzed: 22-Mar-07										
2,4-Dinitrotoluene	84.9		µg/l	1.00	100		85	40-140		
2,6-Dinitrotoluene	89.0		µg/l	1.00	100		89	40-140		
Di-n-octyl phthalate	116		µg/l	1.00	100		116	40-140		
Fluoranthene	76.9		µg/l	1.00	100		77	40-140		
Fluoranthene	76.9		µg/l	0.050	100		77	40-140		
Fluorene	81.6		µg/l	0.050	100		82	40-140		
Fluorene	81.6		µg/l	1.00	100		82	40-140		
Hexachlorobenzene	76.0		µg/l	1.00	100		76	40-140		
Hexachlorobutadiene	75.9		µg/l	0.600	100		76	40-140		
Hexachlorocyclopentadiene	70.0		µg/l	1.00	100		70	40-140		
Hexachloroethane	74.2		µg/l	1.00	100		74	40-140		
Indeno (1,2,3-cd) pyrene	73.0		µg/l	0.200	100		73	40-140		
Indeno (1,2,3-cd) pyrene	73.0		µg/l	0.050	100		73	40-140		
Isophorone	88.8		µg/l	1.00	100		89	40-140		
2-Methylnaphthalene	84.0		µg/l	1.00	100		84	40-140		
2-Methylnaphthalene	84.0		µg/l	0.050	100		84	40-140		
2-Methylphenol	70.2		µg/l	1.00	100		70	40-140		
3,4-Methylphenol	72.2		µg/l	10.0	100		72	40-130		
Naphthalene	81.7		µg/l	0.050	100		82	40-140		
Naphthalene	81.7		µg/l	1.00	100		82	40-140		
2-Nitroaniline	85.2		µg/l	1.00	100		85	40-140		
3-Nitroaniline	88.2		µg/l	1.00	100		88	40-140		
4-Nitroaniline	116		µg/l	1.00	100		116	40-140		
Nitrobenzene	96.0		µg/l	1.00	100		96	40-140		
2-Nitrophenol	76.9		µg/l	1.00	100		77	30-130		
4-Nitrophenol	56.9		µg/l	1.00	100		57	30-130		
N-Nitrosodimethylamine	77.1		µg/l	1.00	100		77	40-140		
N-Nitrosodi-n-propylamine	40.4		µg/l	1.00	100		40	40-140		
N-Nitrosodiphenylamine	98.6		µg/l	1.00	100		99	40-140		
Pentachlorophenol	69.4		µg/l	1.00	100		69	30-130		
Phenanthrene	76.3		µg/l	0.050	100		76	40-140		
Phenanthrene	76.3		µg/l	1.00	100		76	40-140		
Phenol	79.5		µg/l	1.00	100		80	30-130		
Pyrene	82.7		µg/l	0.050	100		83	40-140		
Pyrene	82.7		µg/l	1.00	100		83	40-140		
Pyridine	83.5		µg/l	1.00	100		84	40-140		
Hexachlorobenzene	76.0		µg/l	1.00	100		76	40-140		
1,2,4-Trichlorobenzene	78.9		µg/l	1.00	100		79	40-140		
Hexachloroethane	74.2		µg/l	1.00	100		74	40-140		
Pentachlorophenol	69.4		µg/l	1.00	100		69	30-130		
2,4,5-Trichlorophenol	87.0		µg/l	1.00	100		87	30-130		
Hexachlorobutadiene	75.9		µg/l	0.500	100		76	40-140		
2,4,6-Trichlorophenol	62.7		µg/l	1.00	100		63	30-130		
Surrogate: 2-Fluorobiphenyl	*85.9*		µg/l		*100*		*86*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*85.9*		µg/l		*100*		*86*	*30-130*		
Surrogate: 2-Fluorophenol	*69.0*		µg/l		*100*		*69*	*15-110*		
Surrogate: Nitrobenzene-d5	*102*		µg/l		*100*		*102*	*30-130*		
Surrogate: Phenol-d5	*70.2*		µg/l		*100*		*70*	*15-110*		
Surrogate: Terphenyl-dl4	*89.1*		µg/l		*100*		*89*	*30-130*		
Surrogate: Terphenyl-dl4	*89.1*		µg/l		*100*		*89*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*76.7*		µg/l		*100*		*77*	*15-110*		
Matrix Spike (7031272-MS1)	**Source: SA59563-04**									
Prepared & Analyzed: 22-Mar-07										

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031272 - SW846 3510C										
Matrix Spike (7031272-MS1) **Source: SA59563-04**										
Prepared & Analyzed: 22-Mar-07										
Acenaphthene	78.4		µg/l	0.050	111	BRL	71	40-140		
Acenaphthene	78.4		µg/l	1.00	111	BRL	71	40-140		
4-Chloro-3-methylphenol	141		µg/l	1.00	111	BRL	127	30-130		
2-Chlorophenol	133		µg/l	1.00	111	BRL	120	30-130		
1,4-Dichlorobenzene	69.4		µg/l	1.00	111	BRL	63	40-140		
2,4-Dinitrotoluene	76.6		µg/l	1.00	111	BRL	69	40-140		
4-Nitrophenol	91.7		µg/l	1.00	111	BRL	83	30-130		
N-Nitrosodi-n-propylamine	83.2		µg/l	1.00	111	BRL	75	40-140		
Pentachlorophenol	106		µg/l	1.00	111	BRL	95	30-130		
Phenol	138		µg/l	1.00	111	BRL	124	30-130		
Pyrene	89.5		µg/l	0.050	111	BRL	81	40-140		
Pyrene	89.5		µg/l	1.00	111	BRL	81	40-140		
1,2,4-Trichlorobenzene	64.8		µg/l	1.00	111	BRL	58	40-140		
Pentachlorophenol	106		µg/l	1.00	111	BRL	95	30-130		
Surrogate: 2-Fluorobiphenyl	*80.4*		µg/l		*111*		*72*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*80.4*		µg/l		*111*		*72*	*30-130*		
Surrogate: 2-Fluorophenol	*65.7*		µg/l		*111*		*59*	*15-110*		
Surrogate: Nitrobenzene-d5	*87.3*		µg/l		*111*		*79*	*30-130*		
Surrogate: Phenol-d5	*64.0*		µg/l		*111*		*58*	*15-110*		
Surrogate: Terphenyl-dl4	*94.8*		µg/l		*111*		*85*	*30-130*		
Surrogate: Terphenyl-dl4	*94.8*		µg/l		*111*		*85*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*69.6*		µg/l		*111*		*63*	*15-110*		
Matrix Spike Dup (7031272-MSD1) **Source: SA59563-04**										
Prepared & Analyzed: 22-Mar-07										
Acenaphthene	81.7		µg/l	1.00	108	BRL	76	40-140	7	20
Acenaphthene	81.7		µg/l	0.050	108	BRL	76	40-140	7	20
4-Chloro-3-methylphenol	160	QM7	µg/l	1.00	108	BRL	148	30-130	15	20
2-Chlorophenol	143	QM7	µg/l	1.00	108	BRL	132	30-130	10	20
1,4-Dichlorobenzene	69.6		µg/l	1.00	108	BRL	64	40-140	2	20
2,4-Dinitrotoluene	82.7		µg/l	1.00	108	BRL	77	40-140	11	20
4-Nitrophenol	90.6		µg/l	1.00	108	BRL	84	30-130	1	20
N-Nitrosodi-n-propylamine	94.6		µg/l	1.00	108	BRL	88	40-140	16	20
Pentachlorophenol	114		µg/l	1.00	108	BRL	106	30-130	11	20
Phenol	150	QM7	µg/l	1.00	108	BRL	139	30-130	11	20
Pyrene	99.0		µg/l	0.050	108	BRL	92	40-140	13	20
Pyrene	99.0		µg/l	1.00	108	BRL	92	40-140	13	20
1,2,4-Trichlorobenzene	67.6		µg/l	1.00	108	BRL	63	40-140	8	20
Pentachlorophenol	114		µg/l	1.00	108	BRL	106	30-130	11	20
Surrogate: 2-Fluorobiphenyl	*83.0*		µg/l		*108*		*77*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*83.0*		µg/l		*108*		*77*	*30-130*		
Surrogate: 2-Fluorophenol	*69.4*		µg/l		*108*		*64*	*15-110*		
Surrogate: Nitrobenzene-d5	*92.1*		µg/l		*108*		*85*	*30-130*		
Surrogate: Phenol-d5	*69.3*		µg/l		*108*		*64*	*15-110*		
Surrogate: Terphenyl-dl4	*106*		µg/l		*108*		*98*	*30-130*		
Surrogate: Terphenyl-dl4	*106*		µg/l		*108*		*98*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*74.5*		µg/l		*108*		*69*	*15-110*		
Batch 7031279 - SW846 3550B										
Blank (7031279-BLK1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Acenaphthene	BRL		µg/kg wet	330						
Acenaphthylene	BRL		µg/kg wet	330						
Aniline	BRL		µg/kg wet	330						
Anthracene	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 7031279 - SW846 3550B										
Blank (7031279-BLK1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Atrazine	BRL		µg/kg wet	330						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	330						
Benzidine	BRL		µg/kg wet	330						
Benzo (a) anthracene	BRL		µg/kg wet	330						
Benzo (a) pyrene	BRL		µg/kg wet	330						
Benzo (b) fluoranthene	BRL		µg/kg wet	330						
Benzo (g,h,i) perylene	BRL		µg/kg wet	330						
Benzo (k) fluoranthene	BRL		µg/kg wet	330						
Benzoic acid	BRL		µg/kg wet	330						
Benzyl alcohol	BRL		µg/kg wet	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	330						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	330						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	330						
Butyl benzyl phthalate	BRL		µg/kg wet	330						
Carbazole	BRL		µg/kg wet	330						
4-Chloro-3-methylphenol	BRL		µg/kg wet	330						
4-Chloroaniline	BRL		µg/kg wet	330						
2-Chloronaphthalene	BRL		µg/kg wet	330						
2-Chlorophenol	BRL		µg/kg wet	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	330						
Chrysene	BRL		µg/kg wet	330						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	330						
Dibenzofuran	BRL		µg/kg wet	330						
1,2-Dichlorobenzene	BRL		µg/kg wet	330						
1,3-Dichlorobenzene	BRL		µg/kg wet	330						
1,4-Dichlorobenzene	BRL		µg/kg wet	330						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	330						
2,4-Dichlorophenol	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,4-Dimethylphenol	BRL		µg/kg wet	330						
Di-n-butyl phthalate	BRL		µg/kg wet	330						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	330						
2,4-Dinitrophenol	BRL		µg/kg wet	330						
2,4-Dinitrotoluene	BRL		µg/kg wet	330						
2,6-Dinitrotoluene	BRL		µg/kg wet	330						
Di-n-octyl phthalate	BRL		µg/kg wet	330						
Fluoranthene	BRL		µg/kg wet	330						
Fluorene	BRL		µg/kg wet	330						
Hexachlorobenzene	BRL		µg/kg wet	330						
Hexachlorobutadiene	BRL		µg/kg wet	330						
Hexachlorocyclopentadiene	BRL		µg/kg wet	330						
Hexachloroethane	BRL		µg/kg wet	330						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
Isophorone	BRL		µg/kg wet	330						
1-Methylnaphthalene	BRL		µg/kg wet	330						
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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031279 - SW846 3550B										
Blank (7031279-BLK1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
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	*5350*		µg/kg wet		*6670*		*80*	*30-130*		
Surrogate: 2-Fluorophenol	*4050*		µg/kg wet		*6670*		*61*	*15-110*		
Surrogate: Nitrobenzene-d5	*4890*		µg/kg wet		*6670*		*73*	*30-130*		
Surrogate: Phenol-d5	*3920*		µg/kg wet		*6670*		*59*	*15-110*		
Surrogate: Terphenyl-dl4	*6140*		µg/kg wet		*6670*		*92*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5300*		µg/kg wet		*6670*		*79*	*15-110*		
LCS (7031279-BS1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Acenaphthene	5270		µg/kg wet	330	6670		79	40-130		
Acenaphthylene	4910		µg/kg wet	330	6670		74	40-130		
Aniline	3390		µg/kg wet	330	6670		51	40-130		
Anthracene	5210		µg/kg wet	330	6670		78	40-130		
Atrazine	5360		µg/kg wet	330	6670		80	40-130		
Azobenzene/Diphenyldiazine	4390		µg/kg wet	330	6670		66	40-130		
Benzidine	753		µg/kg wet	330	6670		11	0-130		
Benzo (a) anthracene	5110		µg/kg wet	330	6670		77	40-130		
Benzo (a) pyrene	5390		µg/kg wet	330	6670		81	40-130		
Benzo (b) fluoranthene	5060		µg/kg wet	330	6670		76	40-130		
Benzo (g,h,i) perylene	4950		µg/kg wet	330	6670		74	40-130		
Benzo (k) fluoranthene	5840		µg/kg wet	330	6670		88	40-130		
Benzoic acid	3350		µg/kg wet	330	6670		50	0-130		
Benzyl alcohol	4130		µg/kg wet	330	6670		62	40-130		
Bis(2-chloroethoxy)methane	3460		µg/kg wet	330	6670		52	40-130		
Bis(2-chloroethyl)ether	3950		µg/kg wet	330	6670		59	40-130		
Bis(2-chloroisopropyl)ether	3520		µg/kg wet	330	6670		53	40-130		
Bis(2-ethylhexyl)phthalate	4910		µg/kg wet	330	6670		74	40-130		
4-Bromophenyl phenyl ether	5440		µg/kg wet	330	6670		82	40-130		
Butyl benzyl phthalate	4720		µg/kg wet	330	6670		71	40-130		
Carbazole	7990		µg/kg wet	330	6670		120	40-130		
4-Chloro-3-methylphenol	3630		µg/kg wet	330	6670		54	40-130		
4-Chloroaniline	3620		µg/kg wet	330	6670		54	40-130		
2-Chloronaphthalene	4950		µg/kg wet	330	6670		74	40-130		
2-Chlorophenol	3980		µg/kg wet	330	6670		60	40-130		
4-Chlorophenyl phenyl ether	5960		µg/kg wet	330	6670		89	40-130		
Chrysene	5550		µg/kg wet	330	6670		83	40-130		
Dibenzo (a,h) anthracene	5220		µg/kg wet	330	6670		78	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031279 - SW846 3550B										
LCS (7031279-BS1)										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Dibenzofuran	5380		µg/kg wet	330	6670		81	40-130		
1,2-Dichlorobenzene	5070		µg/kg wet	330	6670		76	40-130		
1,3-Dichlorobenzene	3860		µg/kg wet	330	6670		58	40-130		
1,4-Dichlorobenzene	4730		µg/kg wet	330	6670		71	40-130		
3,3'-Dichlorobenzidine	6560		µg/kg wet	330	6670		98	40-130		
2,4-Dichlorophenol	3620		µg/kg wet	330	6670		54	40-130		
Diethyl phthalate	5110		µg/kg wet	330	6670		77	40-130		
Dimethyl phthalate	5040		µg/kg wet	330	6670		76	40-130		
2,4-Dimethylphenol	3100		µg/kg wet	330	6670		46	40-130		
Di-n-butyl phthalate	5260		µg/kg wet	330	6670		79	40-130		
4,6-Dinitro-2-methylphenol	4440		µg/kg wet	330	6670		67	40-130		
2,4-Dinitrophenol	4470		µg/kg wet	330	6670		67	40-130		
2,4-Dinitrotoluene	5610		µg/kg wet	330	6670		84	40-130		
2,6-Dinitrotoluene	5960		µg/kg wet	330	6670		89	40-130		
Di-n-octyl phthalate	5160		µg/kg wet	330	6670		77	40-130		
Fluoranthene	5240		µg/kg wet	330	6670		79	40-130		
Fluorene	5100		µg/kg wet	330	6670		76	40-130		
Hexachlorobenzene	5710		µg/kg wet	330	6670		86	40-130		
Hexachlorobutadiene	4740		µg/kg wet	330	6670		71	40-130		
Hexachlorocyclopentadiene	4620		µg/kg wet	330	6670		69	40-130		
Hexachloroethane	4320		µg/kg wet	330	6670		65	40-130		
Indeno (1,2,3-cd) pyrene	5170		µg/kg wet	330	6670		78	40-130		
1-Methylnaphthalene	5190		µg/kg wet	330	6670		78	40-140		
Isophorone	3700		µg/kg wet	330	6670		55	40-130		
2-Methylnaphthalene	4140		µg/kg wet	330	6670		62	40-130		
2-Methylphenol	3880		µg/kg wet	330	6670		58	40-130		
3,4-Methylphenol	4030		µg/kg wet	330	6670		60	40-130		
Naphthalene	3810		µg/kg wet	330	6670		57	40-130		
2-Nitroaniline	4700		µg/kg wet	330	6670		70	40-130		
3-Nitroaniline	6430		µg/kg wet	330	6670		96	40-130		
4-Nitroaniline	6720		µg/kg wet	1320	6670		101	40-130		
Nitrobenzene	3370		µg/kg wet	330	6670		51	40-130		
2-Nitrophenol	3520		µg/kg wet	330	6670		53	40-130		
4-Nitrophenol	4430		µg/kg wet	1320	6670		66	40-130		
N-Nitrosodimethylamine	4000		µg/kg wet	330	6670		60	40-130		
N-Nitrosodi-n-propylamine	3990		µg/kg wet	330	6670		60	40-130		
N-Nitrosodiphenylamine	5550		µg/kg wet	330	6670		83	40-130		
Pentachlorophenol	5300		µg/kg wet	330	6670		79	40-130		
Phenanthrene	5010		µg/kg wet	330	6670		75	40-130		
Phenol	3660		µg/kg wet	330	6670		55	40-130		
Pyrene	5160		µg/kg wet	330	6670		77	40-130		
Pyridine	3010		µg/kg wet	330	6670		45	40-130		
1,2,4-Trichlorobenzene	4400		µg/kg wet	330	6670		66	40-130		
2,4,5-Trichlorophenol	4950		µg/kg wet	330	6670		74	40-130		
2,4,6-Trichlorophenol	4090		µg/kg wet	330	6670		61	40-130		
Surrogate: 2-Fluorobiphenyl	*5250*		µg/kg wet		*6670*		*79*	*30-130*		
Surrogate: 2-Fluorophenol	*3760*		µg/kg wet		*6670*		*56*	*15-110*		
Surrogate: Nitrobenzene-d5	*3890*		µg/kg wet		*6670*		*58*	*30-130*		
Surrogate: Phenol-d5	*3500*		µg/kg wet		*6670*		*52*	*15-110*		
Surrogate: Terphenyl-dl4	*5740*		µg/kg wet		*6670*		*86*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5670*		µg/kg wet		*6670*		*85*	*15-110*		
Duplicate (7031279-DUP1) **Source: SA59497-05**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031279 - SW846 3550B										
Duplicate (7031279-DUP1) **Source: SA59497-05**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Acenaphthene	BRL		µg/kg dry	855		BRL				50
Acenaphthylene	BRL		µg/kg dry	855		BRL				50
Aniline	BRL		µg/kg dry	855		BRL				50
Anthracene	BRL		µg/kg dry	855		BRL				50
Atrazine	BRL		µg/kg dry	855		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	855		BRL				50
Benzidine	BRL		µg/kg dry	855		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	855		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	855		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	855		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	855		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	855		BRL				50
Benzoic acid	BRL		µg/kg dry	855		BRL				50
Benzyl alcohol	BRL		µg/kg dry	855		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	855		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	855		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	855		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	855		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	855		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	855		BRL				50
Carbazole	BRL		µg/kg dry	855		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	855		BRL				50
4-Chloroaniline	BRL		µg/kg dry	855		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	855		BRL				50
2-Chlorophenol	BRL		µg/kg dry	855		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	855		BRL				50
Chrysene	BRL		µg/kg dry	855		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	855		BRL				50
Dibenzofuran	BRL		µg/kg dry	855		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	855		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	855		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	855		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/kg dry	855		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	855		BRL				50
Diethyl phthalate	BRL		µg/kg dry	855		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	855		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	855		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	855		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	855		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	855		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	855		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	855		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	855		BRL				50
Fluoranthene	BRL		µg/kg dry	855		BRL				50
Fluorene	BRL		µg/kg dry	855		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	855		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	855		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	855		BRL				50
Hexachloroethane	BRL		µg/kg dry	855		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	855		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	855		BRL				50
Isophorone	BRL		µg/kg dry	855		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 7031279 - SW846 3550B										
Duplicate (7031279-DUP1) **Source: SA59497-05**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
2-Methylnaphthalene	BRL		µg/kg dry	855		BRL				50
2-Methylphenol	BRL		µg/kg dry	855		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	855		BRL				50
Naphthalene	BRL		µg/kg dry	855		BRL				50
2-Nitroaniline	BRL		µg/kg dry	855		BRL				50
3-Nitroaniline	BRL		µg/kg dry	855		BRL				50
4-Nitroaniline	BRL		µg/kg dry	3420		BRL				50
Nitrobenzene	BRL		µg/kg dry	855		BRL				50
2-Nitrophenol	BRL		µg/kg dry	855		BRL				50
4-Nitrophenol	BRL		µg/kg dry	3420		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	855		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	855		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	855		BRL				50
Pentachlorophenol	BRL		µg/kg dry	855		BRL				50
Phenanthrene	BRL		µg/kg dry	855		BRL				50
Phenol	BRL		µg/kg dry	855		BRL				50
Pyrene	BRL		µg/kg dry	855		BRL				50
Pyridine	BRL		µg/kg dry	855		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	855		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	855		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	855		BRL				50
Surrogate: 2-Fluorobiphenyl	*12100*		µg/kg dry		*17300*		*70*	*30-130*		
Surrogate: 2-Fluorophenol	*9350*		µg/kg dry		*17300*		*54*	*15-110*		
Surrogate: Nitrobenzene-d5	*11300*		µg/kg dry		*17300*		*65*	*30-130*		
Surrogate: Phenol-d5	*8210*		µg/kg dry		*17300*		*47*	*15-110*		
Surrogate: Terphenyl-dl4	*13400*		µg/kg dry		*17300*		*77*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*11600*		µg/kg dry		*17300*		*67*	*15-110*		
Matrix Spike (7031279-MS1) **Source: SA59497-05**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Acenaphthene	5920		µg/kg dry	418	8440	BRL	70	40-140		
4-Chloro-3-methylphenol	9750		µg/kg dry	418	16900	BRL	58	30-130		
2-Chlorophenol	8460		µg/kg dry	418	16900	BRL	50	30-130		
1,4-Dichlorobenzene	4420		µg/kg dry	418	8440	BRL	52	40-140		
2,4-Dinitrotoluene	5880		µg/kg dry	418	8440	BRL	70	40-140		
4-Nitrophenol	9660		µg/kg dry	1670	16900	BRL	57	30-130		
N-Nitrosodi-n-propylamine	3980		µg/kg dry	418	8440	BRL	47	40-140		
Pentachlorophenol	11100		µg/kg dry	418	16900	BRL	66	30-130		
Phenol	7400		µg/kg dry	418	16900	BRL	44	30-130		
Pyrene	6260		µg/kg dry	418	8440	BRL	74	40-140		
1,2,4-Trichlorobenzene	6070		µg/kg dry	418	8440	BRL	72	40-140		
Surrogate: 2-Fluorobiphenyl	*6320*		µg/kg dry		*8440*		*75*	*30-130*		
Surrogate: 2-Fluorophenol	*4020*		µg/kg dry		*8440*		*48*	*15-110*		
Surrogate: Nitrobenzene-d5	*5530*		µg/kg dry		*8440*		*66*	*30-130*		
Surrogate: Phenol-d5	*3570*		µg/kg dry		*8440*		*42*	*15-110*		
Surrogate: Terphenyl-dl4	*7170*		µg/kg dry		*8440*		*85*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*6340*		µg/kg dry		*8440*		*75*	*15-110*		
Matrix Spike Dup (7031279-MSD1) **Source: SA59497-05**										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
Acenaphthene	6380		µg/kg dry	418	8440	BRL	76	40-140	8	30
4-Chloro-3-methylphenol	10200		µg/kg dry	418	16900	BRL	60	30-130	3	30
2-Chlorophenol	8660		µg/kg dry	418	16900	BRL	51	30-130	2	30
1,4-Dichlorobenzene	4750		µg/kg dry	418	8440	BRL	56	40-140	7	30
2,4-Dinitrotoluene	6550		µg/kg dry	418	8440	BRL	78	40-140	11	30

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031279 - SW846 3550B										
Matrix Spike Dup (7031279-MSD1) Source: SA59497-05										
Prepared: 22-Mar-07 Analyzed: 23-Mar-07										
4-Nitrophenol	10400		µg/kg dry	1670	16900	BRL	62	30-130	8	30
N-Nitrosodi-n-propylamine	4220		µg/kg dry	418	8440	BRL	50	40-140	6	30
Pentachlorophenol	11000		µg/kg dry	418	16900	BRL	65	30-130	2	30
Phenol	7850		µg/kg dry	418	16900	BRL	46	30-130	4	30
Pyrene	6390		µg/kg dry	418	8440	BRL	76	40-140	3	30
1,2,4-Trichlorobenzene	6220		µg/kg dry	418	8440	BRL	74	40-140	3	30
Surrogate: 2-Fluorobiphenyl	*9990*		µg/kg dry		*8440*		*118*	*30-130*		
Surrogate: 2-Fluorophenol	*6440*		µg/kg dry		*8440*		*76*	*15-110*		
Surrogate: Nitrobenzene-d5	*8940*		µg/kg dry		*8440*		*106*	*30-130*		
Surrogate: Phenol-d5	*5680*		µg/kg dry		*8440*		*67*	*15-110*		
Surrogate: Terphenyl-dl4	*10900*		µg/kg dry		*8440*		*129*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*9640*	QM7	µg/kg dry		*8440*		*114*	*15-110*		
Batch 7031371 - SW846 3550B										
Blank (7031371-BLK1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Acenaphthene	BRL		µg/kg wet	330						
Acenaphthylene	BRL		µg/kg wet	330						
Aniline	BRL		µg/kg wet	330						
Anthracene	BRL		µg/kg wet	330						
Atrazine	BRL		µg/kg wet	330						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	330						
Benzidine	BRL		µg/kg wet	330						
Benzo (a) anthracene	BRL		µg/kg wet	330						
Benzo (a) pyrene	BRL		µg/kg wet	330						
Benzo (b) fluoranthene	BRL		µg/kg wet	330						
Benzo (g,h,i) perylene	BRL		µg/kg wet	330						
Benzo (k) fluoranthene	BRL		µg/kg wet	330						
Benzoic acid	BRL		µg/kg wet	330						
Benzyl alcohol	BRL		µg/kg wet	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	330						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	330						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	330						
Butyl benzyl phthalate	BRL		µg/kg wet	330						
Carbazole	BRL		µg/kg wet	330						
4-Chloro-3-methylphenol	BRL		µg/kg wet	330						
4-Chloroaniline	BRL		µg/kg wet	330						
2-Chloronaphthalene	BRL		µg/kg wet	330						
2-Chlorophenol	BRL		µg/kg wet	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	330						
Chrysene	BRL		µg/kg wet	330						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	330						
Dibenzofuran	BRL		µg/kg wet	330						
1,2-Dichlorobenzene	BRL		µg/kg wet	330						
1,3-Dichlorobenzene	BRL		µg/kg wet	330						
1,4-Dichlorobenzene	BRL		µg/kg wet	330						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	330						
2,4-Dichlorophenol	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,4-Dimethylphenol	BRL		µg/kg wet	330						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031371 - SW846 3550B										
Blank (7031371-BLK1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
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	*5110*		µg/kg wet		*6670*		*77*	*30-130*		
Surrogate: 2-Fluorophenol	*4850*		µg/kg wet		*6670*		*73*	*15-110*		
Surrogate: Nitrobenzene-d5	*6010*		µg/kg wet		*6670*		*90*	*30-130*		
Surrogate: Phenol-d5	*5150*		µg/kg wet		*6670*		*77*	*15-110*		
Surrogate: Terphenyl-dl4	*5970*		µg/kg wet		*6670*		*90*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3950*		µg/kg wet		*6670*		*59*	*15-110*		
LCS (7031371-BS1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Acenaphthene	4830		µg/kg wet	330	6670		72	40-130		
Acenaphthylene	5430		µg/kg wet	330	6670		81	40-130		
Aniline	5890		µg/kg wet	330	6670		88	40-130		
Anthracene	5480		µg/kg wet	330	6670		82	40-130		
Atrazine	7560		µg/kg wet	330	6670		113	40-130		
Azobenzene/Diphenyldiazine	6300		µg/kg wet	330	6670		94	40-130		
Benzidine	BRL		µg/kg wet	330	6670			0-130		
Benzo (a) anthracene	4700		µg/kg wet	330	6670		70	40-130		
Benzo (a) pyrene	5170		µg/kg wet	330	6670		78	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031371 - SW846 3550B										
LCS (7031371-BS1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Benzo (b) fluoranthene	4290		µg/kg wet	330	6670		64	40-130		
Benzo (g,h,i) perylene	4050		µg/kg wet	330	6670		61	40-130		
Benzo (k) fluoranthene	6330		µg/kg wet	330	6670		95	40-130		
Benzoic acid	4620		µg/kg wet	330	6670		69	0-130		
Benzyl alcohol	4870		µg/kg wet	330	6670		73	40-130		
Bis(2-chloroethoxy)methane	5390		µg/kg wet	330	6670		81	40-130		
Bis(2-chloroethyl)ether	5590		µg/kg wet	330	6670		84	40-130		
Bis(2-chloroisopropyl)ether	4350		µg/kg wet	330	6670		65	40-130		
Bis(2-ethylhexyl)phthalate	5770		µg/kg wet	330	6670		87	40-130		
4-Bromophenyl phenyl ether	4730		µg/kg wet	330	6670		71	40-130		
Butyl benzyl phthalate	5600		µg/kg wet	330	6670		84	40-130		
Carbazole	7230		µg/kg wet	330	6670		108	40-130		
4-Chloro-3-methylphenol	5050		µg/kg wet	330	6670		76	40-130		
4-Chloroaniline	4340		µg/kg wet	330	6670		65	40-130		
2-Chloronaphthalene	4950		µg/kg wet	330	6670		74	40-130		
2-Chlorophenol	4260		µg/kg wet	330	6670		64	40-130		
4-Chlorophenyl phenyl ether	5160		µg/kg wet	330	6670		77	40-130		
Chrysene	4970		µg/kg wet	330	6670		75	40-130		
Dibenzo (a,h) anthracene	4720		µg/kg wet	330	6670		71	40-130		
Dibenzofuran	5130		µg/kg wet	330	6670		77	40-130		
1,2-Dichlorobenzene	4600		µg/kg wet	330	6670		69	40-130		
1,3-Dichlorobenzene	3960		µg/kg wet	330	6670		59	40-130		
1,4-Dichlorobenzene	4820		µg/kg wet	330	6670		72	40-130		
3,3´-Dichlorobenzidine	5090		µg/kg wet	330	6670		76	40-130		
2,4-Dichlorophenol	4630		µg/kg wet	330	6670		69	40-130		
Diethyl phthalate	5230		µg/kg wet	330	6670		78	40-130		
Dimethyl phthalate	4920		µg/kg wet	330	6670		74	40-130		
2,4-Dimethylphenol	4510		µg/kg wet	330	6670		68	40-130		
Di-n-butyl phthalate	5330		µg/kg wet	330	6670		80	40-130		
4,6-Dinitro-2-methylphenol	3990		µg/kg wet	330	6670		60	40-130		
2,4-Dinitrophenol	4810		µg/kg wet	330	6670		72	40-130		
2,4-Dinitrotoluene	5280		µg/kg wet	330	6670		79	40-130		
2,6-Dinitrotoluene	5520		µg/kg wet	330	6670		83	40-130		
Di-n-octyl phthalate	6670		µg/kg wet	330	6670		100	40-130		
Fluoranthene	4700		µg/kg wet	330	6670		70	40-130		
Fluorene	5200		µg/kg wet	330	6670		78	40-130		
Hexachlorobenzene	4600		µg/kg wet	330	6670		69	40-130		
Hexachlorobutadiene	4750		µg/kg wet	330	6670		71	40-130		
Hexachlorocyclopentadiene	4280		µg/kg wet	330	6670		64	40-130		
Hexachloroethane	4690		µg/kg wet	330	6670		70	40-130		
Indeno (1,2,3-cd) pyrene	3970		µg/kg wet	330	6670		60	40-130		
Isophorone	5490		µg/kg wet	330	6670		82	40-130		
1-Methylnaphthalene	4850		µg/kg wet	330	6670		73	40-140		
2-Methylnaphthalene	5230		µg/kg wet	330	6670		78	40-130		
2-Methylphenol	4390		µg/kg wet	330	6670		66	40-130		
3,4-Methylphenol	4420		µg/kg wet	330	6670		66	40-130		
Naphthalene	5200		µg/kg wet	330	6670		78	40-130		
2-Nitroaniline	5180		µg/kg wet	330	6670		78	40-130		
3-Nitroaniline	4790		µg/kg wet	330	6670		72	40-130		
4-Nitroaniline	7580		µg/kg wet	1320	6670		114	40-130		
Nitrobenzene	5870		µg/kg wet	330	6670		88	40-130		
2-Nitrophenol	4720		µg/kg wet	330	6670		71	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 7031371 - SW846 3550B										
LCS (7031371-BS1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
4-Nitrophenol	3320		µg/kg wet	1320	6670		50	40-130		
N-Nitrosodimethylamine	4870		µg/kg wet	330	6670		73	40-130		
N-Nitrosodi-n-propylamine	5880		µg/kg wet	330	6670		88	40-130		
N-Nitrosodiphenylamine	6040		µg/kg wet	330	6670		91	40-130		
Pentachlorophenol	4130		µg/kg wet	330	6670		62	40-130		
Phenanthrene	4640		µg/kg wet	330	6670		70	40-130		
Phenol	4850		µg/kg wet	330	6670		73	40-130		
Pyrene	4940		µg/kg wet	330	6670		74	40-130		
Pyridine	3660		µg/kg wet	330	6670		55	40-130		
1,2,4-Trichlorobenzene	4930		µg/kg wet	330	6670		74	40-130		
2,4,5-Trichlorophenol	4640		µg/kg wet	330	6670		70	40-130		
2,4,6-Trichlorophenol	3520		µg/kg wet	330	6670		53	40-130		
Surrogate: 2-Fluorobiphenyl	*5130*		µg/kg wet		*6670*		*77*	*30-130*		
Surrogate: 2-Fluorophenol	*4010*		µg/kg wet		*6670*		*60*	*15-110*		
Surrogate: Nitrobenzene-d5	*6200*		µg/kg wet		*6670*		*93*	*30-130*		
Surrogate: Phenol-d5	*4180*		µg/kg wet		*6670*		*63*	*15-110*		
Surrogate: Terphenyl-dl4	*5150*		µg/kg wet		*6670*		*77*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4450*		µg/kg wet		*6670*		*67*	*15-110*		
Duplicate (7031371-DUP1) **Source: SA59455-08**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Acenaphthene	BRL		µg/kg dry	749		BRL				50
Acenaphthylene	BRL		µg/kg dry	749		BRL				50
Aniline	BRL		µg/kg dry	749		BRL				50
Anthracene	BRL		µg/kg dry	749		BRL				50
Atrazine	BRL		µg/kg dry	749		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	749		BRL				50
Benzidine	BRL		µg/kg dry	749		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	749		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	749		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	749		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	749		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	749		BRL				50
Benzoic acid	BRL		µg/kg dry	749		BRL				50
Benzyl alcohol	BRL		µg/kg dry	749		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	749		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	749		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	749		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	749		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	749		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	749		BRL				50
Carbazole	BRL		µg/kg dry	749		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	749		BRL				50
4-Chloroaniline	BRL		µg/kg dry	749		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	749		BRL				50
2-Chlorophenol	BRL		µg/kg dry	749		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	749		BRL				50
Chrysene	BRL		µg/kg dry	749		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	749		BRL				50
Dibenzofuran	BRL		µg/kg dry	749		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	749		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	749		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	749		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	749		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 7031371 - SW846 3550B										
Duplicate (7031371-DUP1) **Source: SA59455-08**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
2,4-Dichlorophenol	BRL		µg/kg dry	749		BRL				50
Diethyl phthalate	BRL		µg/kg dry	749		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	749		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	749		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	749		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	749		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	749		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	749		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	749		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	749		BRL				50
Fluoranthene	BRL		µg/kg dry	749		BRL				50
Fluorene	BRL		µg/kg dry	749		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	749		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	749		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	749		BRL				50
Hexachloroethane	BRL		µg/kg dry	749		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	749		BRL				50
Isophorone	BRL		µg/kg dry	749		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	749		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	749		BRL				50
2-Methylphenol	BRL		µg/kg dry	749		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	749		BRL				50
Naphthalene	BRL		µg/kg dry	749		BRL				50
2-Nitroaniline	BRL		µg/kg dry	749		BRL				50
3-Nitroaniline	BRL		µg/kg dry	749		BRL				50
4-Nitroaniline	BRL		µg/kg dry	749		BRL				50
Nitrobenzene	BRL		µg/kg dry	3000		BRL				50
2-Nitrophenol	BRL		µg/kg dry	749		BRL				50
4-Nitrophenol	BRL		µg/kg dry	749		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	3000		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	749		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	749		BRL				50
Pentachlorophenol	BRL		µg/kg dry	749		BRL				50
Phenanthrene	BRL		µg/kg dry	749		BRL				50
Phenol	BRL		µg/kg dry	749		BRL				50
Pyrene	BRL		µg/kg dry	749		BRL				50
Pyridine	BRL		µg/kg dry	749		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	749		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	749		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	749		BRL				50
Surrogate: 2-Fluorobiphenyl	*5050*		µg/kg dry		*7570*		*67*	*30-130*		
Surrogate: 2-Fluorophenol	*5150*		µg/kg dry		*7570*		*68*	*15-110*		
Surrogate: Nitrobenzene-d5	*6140*		µg/kg dry		*7570*		*81*	*30-130*		
Surrogate: Phenol-d5	*5380*		µg/kg dry		*7570*		*71*	*15-110*		
Surrogate: Terphenyl-dl4	*5930*		µg/kg dry		*7570*		*78*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4030*		µg/kg dry		*7570*		*53*	*15-110*		
Matrix Spike (7031371-MS1) **Source: SA59455-08**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Acenaphthene	5190		µg/kg dry	371	7500	BRL	69	40-140		
4-Chloro-3-methylphenol	10200		µg/kg dry	371	15000	BRL	68	30-130		
2-Chlorophenol	9210		µg/kg dry	371	15000	BRL	61	30-130		
1,4-Dichlorobenzene	4730		µg/kg dry	371	7500	BRL	63	40-140		
2,4-Dinitrotoluene	5200		µg/kg dry	371	7500	BRL	69	40-140		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031371 - SW846 3550B										
Matrix Spike (7031371-MS1) **Source: SA59455-08**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
4-Nitrophenol	6140		µg/kg dry	1480	15000	BRL	41	30-130		
N-Nitrosodi-n-propylamine	5570		µg/kg dry	371	7500	BRL	74	40-140		
Pentachlorophenol	7320		µg/kg dry	371	15000	BRL	49	30-130		
Phenol	9430		µg/kg dry	371	15000	BRL	63	30-130		
Pyrene	5870		µg/kg dry	371	7500	BRL	78	40-140		
1,2,4-Trichlorobenzene	4420		µg/kg dry	371	7500	BRL	59	40-140		
Surrogate: 2-Fluorobiphenyl	*5150*		µg/kg dry		*7500*		*69*	*30-130*		
Surrogate: 2-Fluorophenol	*4230*		µg/kg dry		*7500*		*56*	*15-110*		
Surrogate: Nitrobenzene-d5	*6020*		µg/kg dry		*7500*		*80*	*30-130*		
Surrogate: Phenol-d5	*4190*		µg/kg dry		*7500*		*56*	*15-110*		
Surrogate: Terphenyl-dl4	*6220*		µg/kg dry		*7500*		*83*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4340*		µg/kg dry		*7500*		*58*	*15-110*		
Matrix Spike Dup (7031371-MSD1) **Source: SA59455-08**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Acenaphthene	5600		µg/kg dry	368	7440	BRL	75	40-140	8	30
4-Chloro-3-methylphenol	10600		µg/kg dry	368	14900	BRL	71	30-130	4	30
2-Chlorophenol	9470		µg/kg dry	368	14900	BRL	64	30-130	5	30
1,4-Dichlorobenzene	4950		µg/kg dry	368	7440	BRL	67	40-140	6	30
2,4-Dinitrotoluene	5620		µg/kg dry	368	7440	BRL	76	40-140	10	30
4-Nitrophenol	6490		µg/kg dry	1470	14900	BRL	44	30-130	7	30
N-Nitrosodi-n-propylamine	5910		µg/kg dry	368	7440	BRL	79	40-140	7	30
Pentachlorophenol	8380		µg/kg dry	368	14900	BRL	56	30-130	13	30
Phenol	9910		µg/kg dry	368	14900	BRL	67	30-130	6	30
Pyrene	6280		µg/kg dry	368	7440	BRL	84	40-140	7	30
1,2,4-Trichlorobenzene	4630		µg/kg dry	368	7440	BRL	62	40-140	5	30
Surrogate: 2-Fluorobiphenyl	*5500*		µg/kg dry		*7440*		*74*	*30-130*		
Surrogate: 2-Fluorophenol	*4390*		µg/kg dry		*7440*		*59*	*15-110*		
Surrogate: Nitrobenzene-d5	*6180*		µg/kg dry		*7440*		*83*	*30-130*		
Surrogate: Phenol-d5	*4350*		µg/kg dry		*7440*		*58*	*15-110*		
Surrogate: Terphenyl-dl4	*6490*		µg/kg dry		*7440*		*87*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4680*		µg/kg dry		*7440*		*63*	*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 7031322 - EPA200/SW7000 Series										
Blank (7031322-BLK1)										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Mercury	BRL		mg/kg wet	0.0298						
Duplicate (7031322-DUP1) **Source: SA59517-01**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Mercury	0.232	QR5	mg/kg dry	0.0341		0.340			38	20
Matrix Spike (7031322-MS1) **Source: SA59517-02**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Mercury	0.697		mg/kg dry	0.0333	0.463	0.222	103	75-125		
Matrix Spike (7031322-MS2) **Source: SA59517-12**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Mercury	0.630		mg/kg dry	0.0327	0.454	0.182	99	75-125		
Post Spike (7031322-PS1) **Source: SA59517-02**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Mercury	0.522	QC1	mg/kg dry	0.0329	0.456	0.222	66	85-115		
Reference (7031322-SRM1)										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Mercury	0.534	QC3	mg/kg wet	0.0300	1.12		48	65.9-132.6		
Batch 7031413 - SW846 3005A										
Blank (7031413-BLK1)										
Prepared & Analyzed: 26-Mar-07										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Silver	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Cadmium	BRL		mg/l	0.0025						
LCS (7031413-BS1)										
Prepared & Analyzed: 26-Mar-07										
Lead	0.450		mg/l	0.0075	0.500		90	85-115		
Selenium	0.453		mg/l	0.0150	0.500		91	85-115		
Chromium	0.446		mg/l	0.0050	0.500		89	85-115		
Cadmium	0.462		mg/l	0.0025	0.500		92	85-115		
Barium	0.470		mg/l	0.0050	0.500		94	85-115		
Arsenic	0.448		mg/l	0.0040	0.500		90	85-115		
Silver	0.457		mg/l	0.0050	0.500		91	85-115		
LCS Dup (7031413-BSD1)										
Prepared & Analyzed: 26-Mar-07										
Selenium	0.466		mg/l	0.0150	0.500		93	85-115	3	20
Lead	0.462		mg/l	0.0075	0.500		92	85-115	3	20
Cadmium	0.474		mg/l	0.0025	0.500		95	85-115	3	20
Arsenic	0.466		mg/l	0.0040	0.500		93	85-115	4	20
Barium	0.481		mg/l	0.0050	0.500		96	85-115	2	20
Chromium	0.457		mg/l	0.0050	0.500		91	85-115	2	20
Silver	0.471		mg/l	0.0050	0.500		94	85-115	3	20
Duplicate (7031413-DUP1) **Source: SA59372-04**										
Prepared & Analyzed: 26-Mar-07										
Selenium	BRL		mg/l	0.0150		BRL				20

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

* Reportable Detection Limit BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031413 - SW846 3005A										
Duplicate (7031413-DUP1)	**Source: SA59372-04**									
Prepared & Analyzed: 26-Mar-07										
Lead	0.0134		mg/l	0.0075		0.0139			4	20
Cadmium	0.0006	J	mg/l	0.0025		0.0006			0	20
Arsenic	0.0390		mg/l	0.0040		0.0388			0.5	20
Barium	0.0407		mg/l	0.0050		0.0408			0.2	20
Silver	0.0032	J	mg/l	0.0050		0.0030			6	20
Chromium	BRL		mg/l	0.0050		BRL				20
Matrix Spike (7031413-MS1)	**Source: SA59380-01**									
Prepared & Analyzed: 26-Mar-07										
Selenium	0.497		mg/l	0.0150	0.500	BRL	99	75-125		
Lead	0.499		mg/l	0.0075	0.500	0.0038	99	75-125		
Chromium	0.492		mg/l	0.0050	0.500	BRL	98	75-125		
Cadmium	0.514		mg/l	0.0025	0.500	BRL	103	75-125		
Silver	0.504		mg/l	0.0050	0.500	0.0025	100	75-125		
Arsenic	0.497		mg/l	0.0040	0.500	BRL	99	75-125		
Barium	0.514		mg/l	0.0050	0.500	BRL	103	75-125		
Matrix Spike Dup (7031413-MSD1)	**Source: SA59380-01**									
Prepared & Analyzed: 26-Mar-07										
Selenium	0.473		mg/l	0.0150	0.500	BRL	95	75-125	5	20
Lead	0.466		mg/l	0.0075	0.500	0.0038	92	75-125	7	20
Silver	0.473		mg/l	0.0050	0.500	0.0025	94	75-125	6	20
Barium	0.490		mg/l	0.0050	0.500	BRL	98	75-125	5	20
Chromium	0.461		mg/l	0.0050	0.500	BRL	92	75-125	7	20
Arsenic	0.470		mg/l	0.0040	0.500	BRL	94	75-125	6	20
Cadmium	0.479		mg/l	0.0025	0.500	BRL	96	75-125	7	20
Post Spike (7031413-PS1)	**Source: SA59380-01**									
Prepared & Analyzed: 26-Mar-07										
Lead	0.469		mg/l	0.0075	0.500	0.0038	93	80-120		
Selenium	0.464		mg/l	0.0150	0.500	BRL	93	80-120		
Barium	0.486		mg/l	0.0050	0.500	BRL	97	80-120		
Silver	0.470		mg/l	0.0050	0.500	0.0025	94	80-120		
Arsenic	0.466		mg/l	0.0040	0.500	BRL	93	80-120		
Cadmium	0.478		mg/l	0.0025	0.500	BRL	96	80-120		
Chromium	0.462		mg/l	0.0050	0.500	BRL	92	80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031321 - EPA 200 Series										
Blank (7031321-BLK1)										
Prepared & Analyzed: 26-Mar-07										
Silver	BRL		mg/kg wet	0.905						
Selenium	BRL		mg/kg wet	1.36						
Arsenic	BRL		mg/kg wet	1.36						
Lead	BRL		mg/kg wet	0.679						
Cadmium	BRL		mg/kg wet	0.226						
Chromium	BRL		mg/kg wet	0.453						
Barium	BRL		mg/kg wet	0.453						
Duplicate (7031321-DUP1) **Source: SA59517-01**										
Prepared & Analyzed: 26-Mar-07										
Silver	BRL		mg/kg dry	1.09		BRL				35
Selenium	BRL		mg/kg dry	1.63		BRL				35
Chromium	76.8		mg/kg dry	0.544		82.6			7	35
Lead	130		mg/kg dry	0.816		117			11	35
Cadmium	0.392		mg/kg dry	0.272		0.394			0.5	35
Arsenic	6.13	QR1	mg/kg dry	1.63		3.76			48	35
Barium	40.8		mg/kg dry	0.544		37.3			9	35
Matrix Spike (7031321-MS1) **Source: SA59517-02**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Silver	133		mg/kg dry	1.08	134	BRL	99	70-130		
Selenium	129		mg/kg dry	1.61	134	BRL	96	70-130		
Chromium	164		mg/kg dry	0.538	134	44.3	89	70-130		
Cadmium	124		mg/kg dry	0.269	134	0.490	92	70-130		
Lead	336	QM7	mg/kg dry	0.806	134	269	50	70-130		
Arsenic	127		mg/kg dry	1.61	134	3.97	92	70-130		
Barium	180		mg/kg dry	0.538	134	44.5	101	70-130		
Matrix Spike (7031321-MS2) **Source: SA59517-12**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Selenium	119		mg/kg dry	1.52	127	BRL	94	70-130		
Silver	126		mg/kg dry	1.02	127	BRL	99	70-130		
Cadmium	110		mg/kg dry	0.254	127	0.589	86	70-130		
Arsenic	123		mg/kg dry	1.52	127	10.7	88	70-130		
Chromium	119		mg/kg dry	0.508	127	8.64	87	70-130		
Lead	335		mg/kg dry	0.762	127	183	120	70-130		
Barium	177		mg/kg dry	0.508	127	54.7	96	70-130		
Post Spike (7031321-PS1) **Source: SA59517-02**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Silver	125		mg/kg dry	1.08	135	BRL	93	85-115		
Selenium	129		mg/kg dry	1.62	135	BRL	96	85-115		
Arsenic	127		mg/kg dry	1.62	135	3.97	91	85-115		
Cadmium	119		mg/kg dry	0.269	135	0.490	88	85-115		
Reference (7031321-SRM1)										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Selenium	83.1		mg/kg wet	1.50	78.2		106	77.4-122.6		
Silver	44.5		mg/kg wet	1.00	41.2		108	66.3-133.6		
Arsenic	45.0		mg/kg wet	1.50	44.8		100	80.8-119.4		
Chromium	51.5		mg/kg wet	0.500	49.4		104	78.9-120.5		
Lead	41.9		mg/kg wet	0.750	44.9		93	81.8-118.1		
Cadmium	30.5		mg/kg wet	0.250	31.8		96	82.1-117.9		
Barium	219		mg/kg wet	0.500	216		101	82.7-117.3		

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 7031414 - EPA200/SW7000 Series										
Blank (7031414-BLK1)										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Mercury	BRL		mg/l	0.00020						
LCS (7031414-BS1)										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Mercury	0.00247		mg/l	0.00020	0.00250		99	85-115		
Duplicate (7031414-DUP1) **Source: SA59517-13**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Mercury	0.00026		mg/l	0.00020		0.00026			0	20
Matrix Spike (7031414-MS1) **Source: SA59517-14**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Mercury	0.00253		mg/l	0.00020	0.00250	BRL	101	75-125		
Matrix Spike Dup (7031414-MSD1) **Source: SA59517-14**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Mercury	0.00240		mg/l	0.00020	0.00250	BRL	96	75-125	5	20

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031408 - SW846 3010A										
Blank (7031408-BLK1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Cadmium	BRL		mg/l	0.0025						
Silver	BRL		mg/l	0.0100						
Chromium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0150						
Barium	BRL		mg/l	0.0050						
LCS (7031408-BS1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Lead	1.18		mg/l	0.0075	1.25		94	82.3-108		
Selenium	1.13		mg/l	0.0150	1.25		90	79-108		
Silver	0.651	QC3	mg/l	0.0100	1.25		52	55.5-115		
Cadmium	1.23		mg/l	0.0025	1.25		98	87.9-110		
Arsenic	1.14		mg/l	0.0150	1.25		91	77.4-109		
Chromium	1.18		mg/l	0.0050	1.25		94	76.2-118		
Barium	1.24		mg/l	0.0050	1.25		99	85.1-119		
LCS Dup (7031408-BSD1)										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Selenium	1.05		mg/l	0.0150	1.25		84	79-108	7	20
Lead	1.09		mg/l	0.0075	1.25		87	82.3-108	8	20
Chromium	1.09		mg/l	0.0050	1.25		87	76.2-118	8	20
Arsenic	1.05		mg/l	0.0150	1.25		84	77.4-109	8	20
Cadmium	1.14		mg/l	0.0025	1.25		91	87.9-110	8	20
Silver	0.590	QC3	mg/l	0.0100	1.25		47	55.5-115	10	20
Barium	1.15		mg/l	0.0050	1.25		92	85.1-119	8	20
Duplicate (7031408-DUP1) **Source: SA59517-12**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Lead	0.0280		mg/l	0.0075		0.0261			7	20
Selenium	BRL		mg/l	0.0150		BRL				20
Arsenic	BRL		mg/l	0.0150		BRL				20
Silver	0.0926		mg/l	0.0100		BRL				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Barium	0.0132		mg/l	0.0050		0.0120			10	20
Matrix Spike (7031408-MS1) **Source: SA59517-01**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Selenium	1.13		mg/l	0.0150	1.25	BRL	90	80.4-105		
Lead	1.21		mg/l	0.0075	1.25	0.0319	94	81.8-105		
Arsenic	1.13		mg/l	0.0150	1.25	BRL	90	79.2-106		
Chromium	1.16		mg/l	0.0050	1.25	0.0130	92	81.5-111		
Silver	0.672	QM8	mg/l	0.0100	1.25	BRL	54	63.6-109		
Cadmium	1.22		mg/l	0.0025	1.25	BRL	98	86.4-108		
Barium	1.24		mg/l	0.0050	1.25	0.0198	98	88.9-114		
Matrix Spike Dup (7031408-MSD1) **Source: SA59517-01**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Lead	1.22		mg/l	0.0075	1.25	0.0319	95	81.8-105	0.8	20
Selenium	1.14		mg/l	0.0150	1.25	BRL	91	80.4-105	0.9	20
Cadmium	1.24		mg/l	0.0025	1.25	BRL	99	86.4-108	2	20
Chromium	1.18		mg/l	0.0050	1.25	0.0130	93	81.5-111	2	20
Silver	1.14	QR7	mg/l	0.0100	1.25	BRL	91	63.6-109	52	20

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031408 - SW846 3010A										
Matrix Spike Dup (7031408-MSD1) **Source: SA59517-01**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Arsenic	1.15		mg/l	0.0150	1.25	BRL	92	79.2-106	2	20
Barium	1.27		mg/l	0.0050	1.25	0.0198	100	88.9-114	2	20
Post Spike (7031408-PS1) **Source: SA59517-01**										
Prepared: 23-Mar-07 Analyzed: 24-Mar-07										
Selenium	1.14		mg/l	0.0150	1.25	BRL	91	77.7-108		
Lead	1.23		mg/l	0.0075	1.25	0.0319	96	80.3-108		
Silver	0.958		mg/l	0.0100	1.25	BRL	77	61.7-107		
Arsenic	1.15		mg/l	0.0150	1.25	BRL	92	79.3-107		
Chromium	1.19		mg/l	0.0050	1.25	0.0130	94	78.1-114		
Cadmium	1.24		mg/l	0.0025	1.25	BRL	99	86.5-109		
Barium	1.27		mg/l	0.0050	1.25	0.0198	100	86.8-118		
Batch 7031409 - EPA200/SW7000 Series										
Blank (7031409-BLK1)										
Prepared: 23-Mar-07 Analyzed: 26-Mar-07										
Mercury	BRL		mg/l	0.00040						
LCS (7031409-BS1)										
Prepared: 23-Mar-07 Analyzed: 26-Mar-07										
Mercury	0.00255		mg/l	0.00040	0.00250		102	66.6-117		
Duplicate (7031409-DUP1) **Source: SA59517-12**										
Prepared: 23-Mar-07 Analyzed: 26-Mar-07										
Mercury	BRL		mg/l	0.00040		BRL				20
Matrix Spike (7031409-MS1) **Source: SA59517-01**										
Prepared: 23-Mar-07 Analyzed: 26-Mar-07										
Mercury	0.00267		mg/l	0.00040	0.00250	BRL	107	76.1-111		
Matrix Spike Dup (7031409-MSD1) **Source: SA59517-01**										
Prepared: 23-Mar-07 Analyzed: 26-Mar-07										
Mercury	0.00249		mg/l	0.00040	0.00250	BRL	100	76.1-111	7	20
Post Spike (7031409-PS1) **Source: SA59517-01**										
Prepared: 23-Mar-07 Analyzed: 26-Mar-07										
Mercury	0.00250		mg/l	0.00040	0.00250	BRL	100	66.8-110		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031429 - General Preparation										
Duplicate (7031429-DUP1) **Source: SA59517-01**										
Prepared & Analyzed: 23-Mar-07										
% Solids	87.3		%			87.4			0.1	20
Batch 7031463 - General Preparation										
Duplicate (7031463-DUP1) **Source: SA59451-01**										
Prepared & Analyzed: 24-Mar-07										
% Solids	87.4		%			87.8			0.5	20

Notes and Definitions

*TPH	Calculated as
Comp	Completed
FP	Field Preserved
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QC3	The spike recovery is outside acceptable limits for the LCS. The batch was accepted based upon the MS and/or MSD meeting the LCS limits criteria.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM8	The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and/or LCS recovery.
QR1	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QR5	RPD out of acceptance range.
QR7	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for batch duplicate.
R05	Elevated Reporting Limits due to the presence of high levels of non-target analytes.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
vex2	Field extracted
VOC8	Reporting limits reflect SW846 5030 extraction technique due to matrix interference using SW846 5035A extraction technique.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

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: NHRY M8 Acceptance Facility - New Haven, CT	NHRY M8 Acceptance Facility - New Haven, CT/
This Form Provides certifications for the following data set: SA59517-01 SA59517-11 SA59517-02 SA59517-12 SA59517-03 SA59517-13 SA59517-04 SA59517-14 SA59517-05 SA59517-15 SA59517-06 SA59517-07 SA59517-08 SA59517-09 SA59517-10	List Specific Analytical Methods Used: +CT ETPH EPA 200.7 EPA 245.1/7470A SM2540 G Mod. SW 846 8260B SW846 1312 SW846 1312/6010B SW846 1312/7470A SW846 6010B SW846 7471A SW846 8081A SW846 8082 SW846 8260B SW846 8270C SW846 8270C/EPA 625 : VOC
Sample Matrices: Aqueous Soil/Sediment	

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

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

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

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

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

Date: 3/28/2007

SA59517 mx

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 2

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

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

Invoice To: CTDOT - DAS Contract
c/o LES

P.O. No.: ____ RQN: ____

Project No.: 301-88
Site Name: NHRY M8 Aceptane Facility
Location: New Haven State: CT
Sampler(s): C. Knight / C. Cascudo

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs - 8260	CTETPH	PAHs + PCBs 8082/8270	Base Neutrals / Acid Extractables 8270	Total RCRA 8 Metals	SPLP RCRA 8 Metals	QA Reporting Notes: (check if needed)
59517-01	M8F-1 2'-4'	3/19/07		C	SO		3	1			X	X	X	X	X	X	
02	M8F-2 2'-4'																
03	M8F-3 2'-4'																
04	M8F-14 2'-4'																
05	M8F-15 4'-6'																
06	M8F-26 2'-4'																
07	M8F-32 2'-4'																
08	M8F-40 2'-4'																
09	M8F-41 4'-6'																
10	M8F-45 4'-6'																

- [ ] Provide MA DEP MCP CAM Report
- [ ] Provide CT DPH RCP Report

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

State specific reporting standards: CTDEP GB PMC + RDEC

- [ ] Fax results when available to (____) ____
- [x] E-mail to ckecologicalenvironmental.com
EDD Format PDF

Condition upon receipt: [ ] Iced [ ] Ambient [ ] °C 1.0 C
Cooler

Relinquished by:	Received by:	Date:	Time:
[signature] DEC	DEC	3/20/07	10:25 AM
DEC	[signature]	3/20/07	1448

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

Headquarters: 11 Almgren Drive & 830 Silver Street • Agawam, MA 01001 • 1-800-789-9115 • 413-789-9018 • FAX 413-789-4076
FL Division: 8180 Woodland Center Boulevard • Tampa, FL 33614 • 1-888-497-5270 • 813-888-9507 • FAX 800-480-6435
www.spectrum-analytical.com

SA59517

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

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

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

Invoice To: CTDOT - DAS Contract
c/o LES

P.O. No.: _____ RQN: _____

Project No.: 301-88
Site Name: NHRY M8 Facility
Location: New Haven State: CT
Sampler(s): C. Knight / C. Criscuolo

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs - 8260	CTETPH	Pests + PCBs 8081A/8082	Base Neutrals/Acid Extractables 8270	Total RCRA 8 Metals	sPLP RCRA 8 Metals
SA59517-11	M8F-46 2-4	2/19/07		C	SO		3	1			X	X	X	X	X	X
12	M8F-47 2-4			C	SO			1								X
13	M8F-14 GW			G	GW			4		1						
14	FB-2				X1		↓	3		1						
15	TB-2	↓			X1		1				↓					

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

QA/QC Reporting Level
- ~~X~~ Standard ☐ No QC
- ☐ Other _____

State specific reporting standards: CTDEP GB PMC + RDEC

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

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 1.0 C on ice

Relinquished by:	Received by:	Date:	Time:
[signature]	DEC	3/20/07	10:25am
[signature]	[signature]	3/20/07	1446

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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-3	301-88	Blank Water	21-Mar-07 00:00	22-Mar-07
SA59641-18				

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 (Freon	BRL		µg/l	1.0	1	SW846 8260B	27-Mar-07	27-Mar-07	7031617	RLJ
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	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-3 SA59641-18	301-88	Blank Water	21-Mar-07 00:00	22-Mar-07

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											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	27-Mar-07	27-Mar-07	7031617	RLJ
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*	*92*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*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	26-Mar-07	28-Mar-07	7031505	DS
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*	*119*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.0111	1	SW846 8081A	26-Mar-07	26-Mar-07	7031497	TG
319-84-6	a-BHC	BRL		µg/l	0.0111	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-3 SA59641-18	301-88	Blank Water	21-Mar-07 00:00	22-Mar-07

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											
319-85-7	b-BHC	BRL		µg/l	0.0111	1	SW846 8081A	26-Mar-07	26-Mar-07	7031497	TG
319-86-8	d-BHC	BRL		µg/l	0.0111	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.0111	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.0556	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/l	0.0111	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/l	0.0111	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/l	0.0111	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.0022	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.0111	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.0111	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.0111	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.0111	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.0111	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.0111	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.0111	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.0111	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.0556	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.0111	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.0111	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.0111	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*140*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*77*		*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	26-Mar-07	26-Mar-07	7031496	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)*	*50*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*		*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	1.00	1	SW846 8270C	26-Mar-07	29-Mar-07	7031499	M.B
208-96-8	Acenaphthylene	BRL		µg/l	0.400	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	1.00	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	1.00	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	1.00	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	1.00	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	1.00	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.200	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-3	301-88	Blank Water	21-Mar-07 00:00	22-Mar-07
SA59641-18				

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	0.200	1	SW846 8270C	26-Mar-07	29-Mar-07	7031499	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.200	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	1.00	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.300	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	1.00	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	1.00	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	1.00	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	1.00	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	1.00	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	1.00	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	1.00	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	1.00	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	1.00	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.200	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	1.00	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	1.00	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	1.00	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	1.00	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	1.00	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	1.00	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.600	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	1.00	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	1.00	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.200	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	1.00	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-3	301-88	Blank Water	21-Mar-07 00:00	22-Mar-07
SA59641-18				

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											
98-95-3	Nitrobenzene	BRL		µg/l	1.00	1	SW846 8270C	26-Mar-07	29-Mar-07	7031499	M.B
88-75-5	2-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	1.00	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	1.00	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	1.00	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	1.00	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	1.00	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	1.00	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	1.00	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*73*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*77*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*80*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*68*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*92*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*50*		*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	"	28-Mar-07	"	"
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*	*83*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*98*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	27-Mar-07	28-Mar-07	7031619	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-3 SA59641-18	301-88	Blank Water	21-Mar-07 00:00	22-Mar-07

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	27-Mar-07	28-Mar-07	7031619	LR
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	27-Mar-07	28-Mar-07	7031620	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-3	301-88	Blank Water	21-Mar-07 00:00	22-Mar-07
SA59641-19				

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 (Freo	BRL		µg/l	1.0	1	SW846 8260B	27-Mar-07	27-Mar-07	7031617	RLJ
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	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-3 SA59641-19	301-88	Blank Water	21-Mar-07 00:00	22-Mar-07

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											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	27-Mar-07	27-Mar-07	7031617	RLJ
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*	*90*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031617 - SW846 5030 Water MS										
Blank (7031617-BLK1)										
Prepared & Analyzed: 27-Mar-07										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031617 - SW846 5030 Water MS										
Blank (7031617-BLK1)										
Prepared & Analyzed: 27-Mar-07										
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
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	*45.6*		µg/l		*50.0*		*91*	*70-130*		
Surrogate: Toluene-d8	*49.9*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.2*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*51.4*		µg/l		*50.0*		*103*	*70-130*		
LCS (7031617-BS1)										
Prepared & Analyzed: 27-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.5		µg/l		20.0		88	70-130		
Acetone	13.9		µg/l		20.0		70	41.1-147		
Acrylonitrile	20.2		µg/l		20.0		101	70-130		
Benzene	19.9		µg/l		20.0		100	70-130		
Bromobenzene	19.4		µg/l		20.0		97	70-130		
Bromochloromethane	19.8		µg/l		20.0		99	70-130		
Bromodichloromethane	19.6		µg/l		20.0		98	70-130		
Bromoform	19.6		µg/l		20.0		98	70-130		
Bromomethane	20.4		µg/l		20.0		102	62-136		
2-Butanone (MEK)	13.2		µg/l		20.0		66	53.9-133		
n-Butylbenzene	19.0		µg/l		20.0		95	70-130		
sec-Butylbenzene	17.6		µg/l		20.0		88	70-130		
tert-Butylbenzene	17.7		µg/l		20.0		88	70-130		
Carbon disulfide	17.3		µg/l		20.0		86	70-130		
Carbon tetrachloride	17.0		µg/l		20.0		85	70-130		
Chlorobenzene	19.5		µg/l		20.0		98	70-130		
Chloroethane	18.8		µg/l		20.0		94	62.8-132		
Chloroform	19.7		µg/l		20.0		98	70-130		
Chloromethane	22.2		µg/l		20.0		111	70-130		
2-Chlorotoluene	20.8		µg/l		20.0		104	70-130		
4-Chlorotoluene	20.4		µg/l		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	22.7		µg/l		20.0		114	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031617 - SW846 5030 Water MS										
LCS (7031617-BS1)										
Prepared & Analyzed: 27-Mar-07										
Dibromochloromethane	19.8		µg/l		20.0		99	70-143		
1,2-Dibromoethane (EDB)	20.0		µg/l		20.0		100	70-130		
Dibromomethane	19.3		µg/l		20.0		96	70-130		
1,2-Dichlorobenzene	21.3		µg/l		20.0		106	70-130		
1,3-Dichlorobenzene	20.5		µg/l		20.0		102	70-130		
1,4-Dichlorobenzene	19.4		µg/l		20.0		97	70-130		
Dichlorodifluoromethane (Freon12)	20.4		µg/l		20.0		102	39.3-167		
1,1-Dichloroethane	19.4		µg/l		20.0		97	70-130		
1,2-Dichloroethane	19.8		µg/l		20.0		99	70-130		
1,1-Dichloroethene	17.1		µg/l		20.0		86	70-130		
cis-1,2-Dichloroethene	20.7		µg/l		20.0		104	70-130		
trans-1,2-Dichloroethene	18.7		µg/l		20.0		94	70-130		
1,2-Dichloropropane	20.8		µg/l		20.0		104	70-130		
1,3-Dichloropropane	20.2		µg/l		20.0		101	70-130		
2,2-Dichloropropane	18.6		µg/l		20.0		93	70-130		
1,1-Dichloropropene	18.4		µg/l		20.0		92	70-130		
cis-1,3-Dichloropropene	21.1		µg/l		20.0		106	70-130		
trans-1,3-Dichloropropene	22.5		µg/l		20.0		112	70-130		
Ethylbenzene	20.2		µg/l		20.0		101	70-130		
Hexachlorobutadiene	19.9		µg/l		20.0		100	70-136		
2-Hexanone (MBK)	13.5		µg/l		20.0		68	56.3-131		
Isopropylbenzene	18.2		µg/l		20.0		91	70-130		
4-Isopropyltoluene	19.2		µg/l		20.0		96	70-130		
Methyl tert-butyl ether	20.7		µg/l		20.0		104	70-130		
4-Methyl-2-pentanone (MIBK)	18.4		µg/l		20.0		92	70-130		
Methylene chloride	18.5		µg/l		20.0		92	70-130		
Naphthalene	19.8		µg/l		20.0		99	70-130		
n-Propylbenzene	18.2		µg/l		20.0		91	70-130		
Styrene	18.8		µg/l		20.0		94	70-130		
1,1,1,2-Tetrachloroethane	19.5		µg/l		20.0		98	70-130		
1,1,2,2-Tetrachloroethane	20.9		µg/l		20.0		104	70-130		
Tetrachloroethene	17.6		µg/l		20.0		88	70-130		
Toluene	18.7		µg/l		20.0		94	70-130		
1,2,3-Trichlorobenzene	20.8		µg/l		20.0		104	70-130		
1,2,4-Trichlorobenzene	19.9		µg/l		20.0		100	70-130		
1,1,1-Trichloroethane	17.7		µg/l		20.0		88	70-130		
1,1,2-Trichloroethane	21.3		µg/l		20.0		106	70-130		
Trichloroethene	18.2		µg/l		20.0		91	70-130		
Trichlorofluoromethane (Freon 11)	17.3		µg/l		20.0		86	70-130		
1,2,3-Trichloropropane	22.6		µg/l		20.0		113	70-130		
1,2,4-Trimethylbenzene	19.2		µg/l		20.0		96	70-130		
1,3,5-Trimethylbenzene	18.7		µg/l		20.0		94	70-130		
Vinyl chloride	22.1		µg/l		20.0		110	70-130		
m,p-Xylene	39.2		µg/l		40.0		98	70-130		
o-Xylene	19.9		µg/l		20.0		100	70-130		
Tetrahydrofuran	20.5		µg/l		20.0		102	70-130		
Ethyl ether	20.2		µg/l		20.0		101	70-130		
Tert-amyl methyl ether	19.4		µg/l		20.0		97	70-130		
Ethyl tert-butyl ether	21.8		µg/l		20.0		109	70-130		
Di-isopropyl ether	20.8		µg/l		20.0		104	70-130		
Tert-Butanol / butyl alcohol	205		µg/l		200		102	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031617 - SW846 5030 Water MS										
LCS (7031617-BS1)										
Prepared & Analyzed: 27-Mar-07										
1,4-Dioxane	200		µg/l		200		100	70-130		
Surrogate: 4-Bromofluorobenzene	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.8*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*49.7*		µg/l		*50.0*		*99*	*70-130*		
LCS Dup (7031617-BSD1)										
Prepared & Analyzed: 27-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	16.0		µg/l		20.0		80	70-130	10	25
Acetone	13.7		µg/l		20.0		68	41.1-147	3	50
Acrylonitrile	19.8		µg/l		20.0		99	70-130	2	25
Benzene	18.7		µg/l		20.0		94	70-130	6	25
Bromobenzene	18.4		µg/l		20.0		92	70-130	5	25
Bromochloromethane	18.8		µg/l		20.0		94	70-130	5	25
Bromodichloromethane	18.6		µg/l		20.0		93	70-130	5	25
Bromoform	19.0		µg/l		20.0		95	70-130	3	25
Bromomethane	18.2		µg/l		20.0		91	62-136	11	50
2-Butanone (MEK)	13.8		µg/l		20.0		69	53.9-133	4	50
n-Butylbenzene	17.3		µg/l		20.0		86	70-130	10	25
sec-Butylbenzene	16.5		µg/l		20.0		82	70-130	7	25
tert-Butylbenzene	16.6		µg/l		20.0		83	70-130	6	25
Carbon disulfide	16.2		µg/l		20.0		81	70-130	6	25
Carbon tetrachloride	15.6		µg/l		20.0		78	70-130	9	25
Chlorobenzene	18.4		µg/l		20.0		92	70-130	6	25
Chloroethane	17.7		µg/l		20.0		88	62.8-132	7	50
Chloroform	18.8		µg/l		20.0		94	70-130	4	25
Chloromethane	20.7		µg/l		20.0		104	70-130	7	25
2-Chlorotoluene	19.6		µg/l		20.0		98	70-130	6	25
4-Chlorotoluene	19.3		µg/l		20.0		96	70-130	6	25
1,2-Dibromo-3-chloropropane	22.0		µg/l		20.0		110	70-130	4	25
Dibromochloromethane	19.0		µg/l		20.0		95	70-143	4	50
1,2-Dibromoethane (EDB)	19.1		µg/l		20.0		96	70-130	4	25
Dibromomethane	18.9		µg/l		20.0		94	70-130	2	25
1,2-Dichlorobenzene	19.9		µg/l		20.0		100	70-130	6	25
1,3-Dichlorobenzene	19.4		µg/l		20.0		97	70-130	5	25
1,4-Dichlorobenzene	18.4		µg/l		20.0		92	70-130	5	25
Dichlorodifluoromethane (Freon12)	18.6		µg/l		20.0		93	39.3-167	9	50
1,1-Dichloroethane	18.3		µg/l		20.0		92	70-130	5	25
1,2-Dichloroethane	19.4		µg/l		20.0		97	70-130	2	25
1,1-Dichloroethene	15.8		µg/l		20.0		79	70-130	8	25
cis-1,2-Dichloroethene	19.6		µg/l		20.0		98	70-130	6	25
trans-1,2-Dichloroethene	17.4		µg/l		20.0		87	70-130	8	25
1,2-Dichloropropane	19.6		µg/l		20.0		98	70-130	6	25
1,3-Dichloropropane	19.5		µg/l		20.0		98	70-130	3	25
2,2-Dichloropropane	17.4		µg/l		20.0		87	70-130	7	25
1,1-Dichloropropene	16.9		µg/l		20.0		84	70-130	9	25
cis-1,3-Dichloropropene	20.5		µg/l		20.0		102	70-130	4	25
trans-1,3-Dichloropropene	21.9		µg/l		20.0		110	70-130	2	25
Ethylbenzene	19.1		µg/l		20.0		96	70-130	5	25
Hexachlorobutadiene	17.3		µg/l		20.0		86	70-136	15	50
2-Hexanone (MBK)	12.9		µg/l		20.0		64	56.3-131	6	25
Isopropylbenzene	17.1		µg/l		20.0		86	70-130	6	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031617 - SW846 5030 Water MS										
LCS Dup (7031617-BSD1)										
Prepared & Analyzed: 27-Mar-07										
4-Isopropyltoluene	17.7		µg/l		20.0		88	70-130	9	25
Methyl tert-butyl ether	20.5		µg/l		20.0		102	70-130	2	25
4-Methyl-2-pentanone (MIBK)	18.1		µg/l		20.0		90	70-130	2	50
Methylene chloride	17.4		µg/l		20.0		87	70-130	6	25
Naphthalene	18.4		µg/l		20.0		92	70-130	7	25
n-Propylbenzene	17.2		µg/l		20.0		86	70-130	6	25
Styrene	18.2		µg/l		20.0		91	70-130	3	25
1,1,1,2-Tetrachloroethane	18.3		µg/l		20.0		92	70-130	6	25
1,1,2,2-Tetrachloroethane	20.2		µg/l		20.0		101	70-130	3	25
Tetrachloroethene	16.4		µg/l		20.0		82	70-130	7	25
Toluene	17.7		µg/l		20.0		88	70-130	7	25
1,2,3-Trichlorobenzene	19.4		µg/l		20.0		97	70-130	7	25
1,2,4-Trichlorobenzene	18.3		µg/l		20.0		92	70-130	8	25
1,1,1-Trichloroethane	16.4		µg/l		20.0		82	70-130	7	25
1,1,2-Trichloroethane	20.7		µg/l		20.0		104	70-130	2	25
Trichloroethene	16.8		µg/l		20.0		84	70-130	8	25
Trichlorofluoromethane (Freon 11)	16.1		µg/l		20.0		80	70-130	7	50
1,2,3-Trichloropropane	22.6		µg/l		20.0		113	70-130	0	25
1,2,4-Trimethylbenzene	18.1		µg/l		20.0		90	70-130	6	25
1,3,5-Trimethylbenzene	17.3		µg/l		20.0		86	70-130	9	25
Vinyl chloride	20.3		µg/l		20.0		102	70-130	8	25
m,p-Xylene	36.4		µg/l		40.0		91	70-130	7	25
o-Xylene	18.9		µg/l		20.0		94	70-130	6	25
Tetrahydrofuran	20.8		µg/l		20.0		104	70-130	2	25
Ethyl ether	20.2		µg/l		20.0		101	70-130	0	50
Tert-amyl methyl ether	18.6		µg/l		20.0		93	70-130	4	25
Ethyl tert-butyl ether	21.2		µg/l		20.0		106	70-130	3	25
Di-isopropyl ether	19.9		µg/l		20.0		100	70-130	4	25
Tert-Butanol / butyl alcohol	204		µg/l		200		102	70-130	0	25
1,4-Dioxane	214		µg/l		200		107	70-130	7	25
Surrogate: 4-Bromofluorobenzene	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.1*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*49.6*		µg/l		*50.0*		*99*	*70-130*		
Matrix Spike (7031617-MS1) **Source: SA59682-01**										
Prepared & Analyzed: 27-Mar-07										
Benzene	19.2		µg/l		20.0	BRL	96	70-130		
Chlorobenzene	19.7		µg/l		20.0	BRL	98	70-130		
1,1-Dichloroethene	21.1		µg/l		20.0	BRL	106	70-130		
Toluene	19.3		µg/l		20.0	BRL	96	70-130		
Trichloroethene	19.0		µg/l		20.0	BRL	95	70-130		
Surrogate: 4-Bromofluorobenzene	*46.5*		µg/l		*50.0*		*93*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.6*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Matrix Spike Dup (7031617-MSD1) **Source: SA59682-01**										
Prepared & Analyzed: 27-Mar-07										
Benzene	18.5		µg/l		20.0	BRL	92	70-130	4	30
Chlorobenzene	19.2		µg/l		20.0	BRL	96	70-130	2	30
1,1-Dichloroethene	20.3		µg/l		20.0	BRL	102	70-130	4	30
Toluene	19.1		µg/l		20.0	BRL	96	70-130	0	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031617 - SW846 5030 Water MS										
Matrix Spike Dup (7031617-MSD1) Source: SA59682-01										
Prepared & Analyzed: 27-Mar-07										
Trichloroethene	18.6		µg/l		20.0	BRL	93	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*46.3*		µg/l		*50.0*		*93*	*70-130*		
Surrogate: Toluene-d8	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.6*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Batch 7031642 - SW846 5030 Soil (high level)										
Blank (7031642-BLK1)										
Prepared & Analyzed: 27-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	20.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031642 - SW846 5030 Soil (high level)										
Blank (7031642-BLK1)										
Prepared & Analyzed: 27-Mar-07										
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	*30.7*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*29.9*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.9*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*29.3*		µg/kg wet		*30.0*		*98*	*70-130*		
LCS (7031642-BS1)										
Prepared & Analyzed: 27-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.5		µg/kg wet		20.0		88	70-130		
Acetone	16.1		µg/kg wet		20.0		80	1.77-175		
Acrylonitrile	20.4		µg/kg wet		20.0		102	70-130		
Benzene	16.5		µg/kg wet		20.0		82	70-130		
Bromobenzene	21.2		µg/kg wet		20.0		106	70-130		
Bromochloromethane	21.5		µg/kg wet		20.0		108	70-130		
Bromodichloromethane	20.2		µg/kg wet		20.0		101	70-130		
Bromoform	21.0		µg/kg wet		20.0		105	70-130		
Bromomethane	20.6		µg/kg wet		20.0		103	55.3-136		
2-Butanone (MEK)	16.0		µg/kg wet		20.0		80	38.8-142		
n-Butylbenzene	16.6		µg/kg wet		20.0		83	70-130		
sec-Butylbenzene	18.3		µg/kg wet		20.0		92	70-130		
tert-Butylbenzene	19.3		µg/kg wet		20.0		96	70-130		
Carbon disulfide	18.0		µg/kg wet		20.0		90	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031642 - SW846 5030 Soil (high level)										
LCS (7031642-BS1)										
Prepared & Analyzed: 27-Mar-07										
Carbon tetrachloride	15.4		µg/kg wet		20.0		77	70-130		
Chlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
Chloroethane	19.7		µg/kg wet		20.0		98	55.3-130		
Chloroform	19.6		µg/kg wet		20.0		98	70-130		
Chloromethane	20.7		µg/kg wet		20.0		104	70-130		
2-Chlorotoluene	20.2		µg/kg wet		20.0		101	70-130		
4-Chlorotoluene	20.0		µg/kg wet		20.0		100	70-130		
1,2-Dibromo-3-chloropropane	19.6		µg/kg wet		20.0		98	70-130		
Dibromochloromethane	20.9		µg/kg wet		20.0		104	64.7-139		
1,2-Dibromoethane (EDB)	21.4		µg/kg wet		20.0		107	70-130		
Dibromomethane	20.6		µg/kg wet		20.0		103	70-130		
1,2-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
1,3-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130		
1,4-Dichlorobenzene	20.3		µg/kg wet		20.0		102	70-130		
Dichlorodifluoromethane (Freon12)	20.2		µg/kg wet		20.0		101	34.4-167		
1,1-Dichloroethane	19.7		µg/kg wet		20.0		98	70-130		
1,2-Dichloroethane	19.6		µg/kg wet		20.0		98	70-130		
1,1-Dichloroethene	18.1		µg/kg wet		20.0		90	70-130		
cis-1,2-Dichloroethene	20.5		µg/kg wet		20.0		102	70-130		
trans-1,2-Dichloroethene	19.1		µg/kg wet		20.0		96	70-130		
1,2-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130		
1,3-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130		
2,2-Dichloropropane	15.3		µg/kg wet		20.0		76	70-130		
1,1-Dichloropropene	17.2		µg/kg wet		20.0		86	70-130		
cis-1,3-Dichloropropene	19.4		µg/kg wet		20.0		97	70-130		
trans-1,3-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130		
Ethylbenzene	19.8		µg/kg wet		20.0		99	70-130		
Hexachlorobutadiene	18.1		µg/kg wet		20.0		90	60.7-140		
2-Hexanone (MBK)	14.5		µg/kg wet		20.0		72	70-130		
Isopropylbenzene	18.6		µg/kg wet		20.0		93	70-130		
4-Isopropyltoluene	18.9		µg/kg wet		20.0		94	70-130		
Methyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130		
4-Methyl-2-pentanone (MIBK)	18.8		µg/kg wet		20.0		94	46.1-145		
Methylene chloride	18.9		µg/kg wet		20.0		94	70-130		
Naphthalene	20.8		µg/kg wet		20.0		104	70-130		
n-Propylbenzene	17.0		µg/kg wet		20.0		85	70-130		
Styrene	22.1		µg/kg wet		20.0		110	70-130		
1,1,1,2-Tetrachloroethane	20.1		µg/kg wet		20.0		100	70-130		
1,1,2,2-Tetrachloroethane	19.8		µg/kg wet		20.0		99	70-130		
Tetrachloroethene	17.7		µg/kg wet		20.0		88	70-130		
Toluene	18.8		µg/kg wet		20.0		94	70-130		
1,2,3-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,2,4-Trichlorobenzene	19.6		µg/kg wet		20.0		98	70-130		
1,1,1-Trichloroethane	17.1		µg/kg wet		20.0		86	70-130		
1,1,2-Trichloroethane	21.8		µg/kg wet		20.0		109	70-130		
Trichloroethene	20.5		µg/kg wet		20.0		102	70-130		
Trichlorofluoromethane (Freon 11)	16.8		µg/kg wet		20.0		84	56.8-140		
1,2,3-Trichloropropane	23.6		µg/kg wet		20.0		118	70-130		
1,2,4-Trimethylbenzene	19.7		µg/kg wet		20.0		98	70-130		
1,3,5-Trimethylbenzene	20.3		µg/kg wet		20.0		102	70-130		
Vinyl chloride	19.8		µg/kg wet		20.0		99	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031642 - SW846 5030 Soil (high level)										
LCS (7031642-BS1)										
Prepared & Analyzed: 27-Mar-07										
m,p-Xylene	40.2		µg/kg wet		40.0		100	70-130		
o-Xylene	20.9		µg/kg wet		20.0		104	70-130		
Tetrahydrofuran	19.7		µg/kg wet		20.0		98	70-130		
Ethyl ether	20.9		µg/kg wet		20.0		104	65.3-130		
Tert-amyl methyl ether	19.8		µg/kg wet		20.0		99	70-130		
Ethyl tert-butyl ether	20.9		µg/kg wet		20.0		104	70-130		
Di-isopropyl ether	19.2		µg/kg wet		20.0		96	70-130		
Tert-Butanol / butyl alcohol	184		µg/kg wet		200		92	70-130		
1,4-Dioxane	151		µg/kg wet		200		76	34-155		
Surrogate: 4-Bromofluorobenzene	*30.7*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.1*		µg/kg wet		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*29.1*		µg/kg wet		*30.0*		*97*	*70-130*		
LCS Dup (7031642-BSD1)										
Prepared & Analyzed: 27-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	16.3		µg/kg wet		20.0		82	70-130	7	25
Acetone	15.6		µg/kg wet		20.0		78	1.77-175	3	50
Acrylonitrile	18.7		µg/kg wet		20.0		94	70-130	8	25
Benzene	19.7		µg/kg wet		20.0		98	70-130	18	25
Bromobenzene	20.3		µg/kg wet		20.0		102	70-130	4	25
Bromochloromethane	20.0		µg/kg wet		20.0		100	70-130	8	25
Bromodichloromethane	20.1		µg/kg wet		20.0		100	70-130	1	25
Bromoform	20.2		µg/kg wet		20.0		101	70-130	4	25
Bromomethane	20.5		µg/kg wet		20.0		102	55.3-136	1	50
2-Butanone (MEK)	15.2		µg/kg wet		20.0		76	38.8-142	5	50
n-Butylbenzene	15.9		µg/kg wet		20.0		80	70-130	4	25
sec-Butylbenzene	17.4		µg/kg wet		20.0		87	70-130	6	25
tert-Butylbenzene	18.7		µg/kg wet		20.0		94	70-130	2	25
Carbon disulfide	16.1		µg/kg wet		20.0		80	70-130	12	25
Carbon tetrachloride	14.5		µg/kg wet		20.0		72	70-130	7	25
Chlorobenzene	19.9		µg/kg wet		20.0		100	70-130	2	25
Chloroethane	17.4		µg/kg wet		20.0		87	55.3-130	12	50
Chloroform	18.9		µg/kg wet		20.0		94	70-130	4	25
Chloromethane	18.6		µg/kg wet		20.0		93	70-130	11	25
2-Chlorotoluene	19.9		µg/kg wet		20.0		100	70-130	1	25
4-Chlorotoluene	19.1		µg/kg wet		20.0		96	70-130	4	25
1,2-Dibromo-3-chloropropane	19.4		µg/kg wet		20.0		97	70-130	1	25
Dibromochloromethane	20.1		µg/kg wet		20.0		100	64.7-139	4	50
1,2-Dibromoethane (EDB)	20.0		µg/kg wet		20.0		100	70-130	7	25
Dibromomethane	19.5		µg/kg wet		20.0		98	70-130	5	25
1,2-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	1	25
1,3-Dichlorobenzene	19.7		µg/kg wet		20.0		98	70-130	4	25
1,4-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	3	25
Dichlorodifluoromethane (Freon12)	17.7		µg/kg wet		20.0		88	34.4-167	14	50
1,1-Dichloroethane	18.3		µg/kg wet		20.0		92	70-130	6	25
1,2-Dichloroethane	18.4		µg/kg wet		20.0		92	70-130	6	25
1,1-Dichloroethene	16.4		µg/kg wet		20.0		82	70-130	9	25
cis-1,2-Dichloroethene	19.8		µg/kg wet		20.0		99	70-130	3	25
trans-1,2-Dichloroethene	18.2		µg/kg wet		20.0		91	70-130	5	25
1,2-Dichloropropane	19.7		µg/kg wet		20.0		98	70-130	4	25
1,3-Dichloropropane	20.1		µg/kg wet		20.0		100	70-130	6	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031642 - SW846 5030 Soil (high level)										
LCS Dup (7031642-BSD1)										
Prepared & Analyzed: 27-Mar-07										
2,2-Dichloropropane	13.9		µg/kg wet		20.0		70	70-130	8	25
1,1-Dichloropropene	18.2		µg/kg wet		20.0		91	70-130	6	25
cis-1,3-Dichloropropene	18.0		µg/kg wet		20.0		90	70-130	7	25
trans-1,3-Dichloropropene	17.9		µg/kg wet		20.0		90	70-130	9	25
Ethylbenzene	18.8		µg/kg wet		20.0		94	70-130	5	25
Hexachlorobutadiene	17.6		µg/kg wet		20.0		88	60.7-140	2	50
2-Hexanone (MBK)	13.5	QC1	µg/kg wet		20.0		68	70-130	6	25
Isopropylbenzene	17.8		µg/kg wet		20.0		89	70-130	4	25
4-Isopropyltoluene	18.2		µg/kg wet		20.0		91	70-130	3	25
Methyl tert-butyl ether	19.6		µg/kg wet		20.0		98	70-130	5	25
4-Methyl-2-pentanone (MIBK)	16.9		µg/kg wet		20.0		84	46.1-145	11	50
Methylene chloride	17.7		µg/kg wet		20.0		88	70-130	7	25
Naphthalene	19.2		µg/kg wet		20.0		96	70-130	8	25
n-Propylbenzene	15.7		µg/kg wet		20.0		78	70-130	9	25
Styrene	21.5		µg/kg wet		20.0		108	70-130	2	25
1,1,1,2-Tetrachloroethane	19.4		µg/kg wet		20.0		97	70-130	3	25
1,1,2,2-Tetrachloroethane	19.7		µg/kg wet		20.0		98	70-130	1	25
Tetrachloroethene	16.4		µg/kg wet		20.0		82	70-130	7	25
Toluene	17.9		µg/kg wet		20.0		90	70-130	4	25
1,2,3-Trichlorobenzene	19.4		µg/kg wet		20.0		97	70-130	4	25
1,2,4-Trichlorobenzene	18.7		µg/kg wet		20.0		94	70-130	4	25
1,1,1-Trichloroethane	15.8		µg/kg wet		20.0		79	70-130	8	25
1,1,2-Trichloroethane	20.4		µg/kg wet		20.0		102	70-130	7	25
Trichloroethene	19.1		µg/kg wet		20.0		96	70-130	6	25
Trichlorofluoromethane (Freon 11)	14.8		µg/kg wet		20.0		74	56.8-140	13	50
1,2,3-Trichloropropane	22.5		µg/kg wet		20.0		112	70-130	5	25
1,2,4-Trimethylbenzene	19.2		µg/kg wet		20.0		96	70-130	2	25
1,3,5-Trimethylbenzene	19.6		µg/kg wet		20.0		98	70-130	4	25
Vinyl chloride	15.9		µg/kg wet		20.0		80	70-130	21	25
m,p-Xylene	38.8		µg/kg wet		40.0		97	70-130	3	25
o-Xylene	20.4		µg/kg wet		20.0		102	70-130	2	25
Tetrahydrofuran	18.1		µg/kg wet		20.0		90	70-130	9	25
Ethyl ether	19.3		µg/kg wet		20.0		96	65.3-130	8	50
Tert-amyl methyl ether	19.3		µg/kg wet		20.0		96	70-130	3	25
Ethyl tert-butyl ether	19.9		µg/kg wet		20.0		100	70-130	4	25
Di-isopropyl ether	18.3		µg/kg wet		20.0		92	70-130	4	25
Tert-Butanol / butyl alcohol	188		µg/kg wet		200		94	70-130	2	25
1,4-Dioxane	183		µg/kg wet		200		92	34-155	19	25
Surrogate: 4-Bromofluorobenzene	*30.7*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*29.7*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.9*		µg/kg wet		*30.0*		*93*	*70-130*		
Surrogate: Dibromofluoromethane	*28.8*		µg/kg wet		*30.0*		*96*	*70-130*		
Matrix Spike (7031642-MS1)	**Source: SA59545-02**									
Prepared & Analyzed: 27-Mar-07										
Benzene	22.8		µg/kg dry		20.0	BRL	114	70-130		
Chlorobenzene	23.4		µg/kg dry		20.0	BRL	117	70-130		
1,1-Dichloroethene	22.1		µg/kg dry		20.0	BRL	110	70-130		
Toluene	23.2		µg/kg dry		20.0	BRL	116	70-130		
Trichloroethene	23.2		µg/kg dry		20.0	BRL	116	70-130		
Surrogate: 4-Bromofluorobenzene	*30.4*		µg/kg dry		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*31.9*		µg/kg dry		*30.0*		*106*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031642 - SW846 5030 Soil (high level)										
Matrix Spike (7031642-MS1) **Source: SA59545-02**										
Prepared & Analyzed: 27-Mar-07										
Surrogate: 1,2-Dichloroethane-d4	*28.0*		µg/kg dry		*30.0*		*93*	*70-130*		
Surrogate: Dibromofluoromethane	*29.0*		µg/kg dry		*30.0*		*97*	*70-130*		
Matrix Spike Dup (7031642-MSD1) **Source: SA59545-02**										
Prepared & Analyzed: 27-Mar-07										
Benzene	23.0		µg/kg dry		20.0	BRL	115	70-130	0.9	30
Chlorobenzene	22.8		µg/kg dry		20.0	BRL	114	70-130	3	30
1,1-Dichloroethene	22.4		µg/kg dry		20.0	BRL	112	70-130	2	30
Toluene	22.6		µg/kg dry		20.0	BRL	113	70-130	3	30
Trichloroethene	22.9		µg/kg dry		20.0	BRL	114	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*30.1*		µg/kg dry		*30.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*31.2*		µg/kg dry		*30.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.5*		µg/kg dry		*30.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*29.1*		µg/kg dry		*30.0*		*97*	*70-130*		
Batch 7031658 - SW846 5035A Soil (low level)										
Blank (7031658-BLK1)										
Prepared & Analyzed: 27-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031658 - SW846 5035A Soil (low level)										
Blank (7031658-BLK1)										
Prepared & Analyzed: 27-Mar-07										
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*49.2*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*49.0*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.7*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
LCS (7031658-BS1)										
Prepared & Analyzed: 27-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	15.6		µg/kg wet		20.0		78	70-130		
Acetone	10.4		µg/kg wet		20.0		52	1.77-175		
Acrylonitrile	21.8		µg/kg wet		20.0		109	70-130		
Benzene	17.1		µg/kg wet		20.0		86	70-130		
Bromobenzene	19.7		µg/kg wet		20.0		98	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031658 - SW846 5035A Soil (low level)										
LCS (7031658-BS1)										
Prepared & Analyzed: 27-Mar-07										
Bromochloromethane	20.6		µg/kg wet		20.0		103	70-130		
Bromodichloromethane	18.2		µg/kg wet		20.0		91	70-130		
Bromoform	23.3		µg/kg wet		20.0		116	70-130		
Bromomethane	21.3		µg/kg wet		20.0		106	55.3-136		
2-Butanone (MEK)	14.5		µg/kg wet		20.0		72	38.8-142		
n-Butylbenzene	14.7		µg/kg wet		20.0		74	70-130		
sec-Butylbenzene	16.6		µg/kg wet		20.0		83	70-130		
tert-Butylbenzene	17.3		µg/kg wet		20.0		86	70-130		
Carbon disulfide	15.3		µg/kg wet		20.0		76	70-130		
Carbon tetrachloride	14.6		µg/kg wet		20.0		73	70-130		
Chlorobenzene	19.2		µg/kg wet		20.0		96	70-130		
Chloroethane	18.0		µg/kg wet		20.0		90	55.3-130		
Chloroform	18.1		µg/kg wet		20.0		90	70-130		
Chloromethane	16.6		µg/kg wet		20.0		83	70-130		
2-Chlorotoluene	17.6		µg/kg wet		20.0		88	70-130		
4-Chlorotoluene	17.6		µg/kg wet		20.0		88	70-130		
1,2-Dibromo-3-chloropropane	19.6		µg/kg wet		20.0		98	70-130		
Dibromochloromethane	20.1		µg/kg wet		20.0		100	64.7-139		
1,2-Dibromoethane (EDB)	20.4		µg/kg wet		20.0		102	70-130		
Dibromomethane	19.7		µg/kg wet		20.0		98	70-130		
1,2-Dichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,3-Dichlorobenzene	19.5		µg/kg wet		20.0		98	70-130		
1,4-Dichlorobenzene	17.5		µg/kg wet		20.0		88	70-130		
Dichlorodifluoromethane (Freon12)	16.0		µg/kg wet		20.0		80	34.4-167		
1,1-Dichloroethane	17.0		µg/kg wet		20.0		85	70-130		
1,2-Dichloroethane	17.8		µg/kg wet		20.0		89	70-130		
1,1-Dichloroethene	15.2		µg/kg wet		20.0		76	70-130		
cis-1,2-Dichloroethene	19.0		µg/kg wet		20.0		95	70-130		
trans-1,2-Dichloroethene	17.0		µg/kg wet		20.0		85	70-130		
1,2-Dichloropropane	18.4		µg/kg wet		20.0		92	70-130		
1,3-Dichloropropane	19.1		µg/kg wet		20.0		96	70-130		
2,2-Dichloropropane	14.1		µg/kg wet		20.0		70	70-130		
1,1-Dichloropropene	15.2		µg/kg wet		20.0		76	70-130		
cis-1,3-Dichloropropene	18.8		µg/kg wet		20.0		94	70-130		
trans-1,3-Dichloropropene	18.9		µg/kg wet		20.0		94	70-130		
Ethylbenzene	17.4		µg/kg wet		20.0		87	70-130		
Hexachlorobutadiene	15.2		µg/kg wet		20.0		76	60.7-140		
2-Hexanone (MBK)	13.7	QC2	µg/kg wet		20.0		68	70-130		
Isopropylbenzene	16.2		µg/kg wet		20.0		81	70-130		
4-Isopropyltoluene	16.3		µg/kg wet		20.0		82	70-130		
Methyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130		
4-Methyl-2-pentanone (MIBK)	18.3		µg/kg wet		20.0		92	46.1-145		
Methylene chloride	17.0		µg/kg wet		20.0		85	70-130		
Naphthalene	20.0		µg/kg wet		20.0		100	70-130		
n-Propylbenzene	16.4		µg/kg wet		20.0		82	70-130		
Styrene	19.2		µg/kg wet		20.0		96	70-130		
1,1,1,2-Tetrachloroethane	19.5		µg/kg wet		20.0		98	70-130		
1,1,2,2-Tetrachloroethane	20.8		µg/kg wet		20.0		104	70-130		
Tetrachloroethene	15.8		µg/kg wet		20.0		79	70-130		
Toluene	17.0		µg/kg wet		20.0		85	70-130		
1,2,3-Trichlorobenzene	20.1		µg/kg wet		20.0		100	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031658 - SW846 5035A Soil (low level)										
LCS (7031658-BS1)										
Prepared & Analyzed: 27-Mar-07										
1,2,4-Trichlorobenzene	18.3		µg/kg wet		20.0		92	70-130		
1,1,1-Trichloroethane	15.2		µg/kg wet		20.0		76	70-130		
1,1,2-Trichloroethane	20.0		µg/kg wet		20.0		100	70-130		
Trichloroethene	16.6		µg/kg wet		20.0		83	70-130		
Trichlorofluoromethane (Freon 11)	14.0		µg/kg wet		20.0		70	56.8-140		
1,2,3-Trichloropropane	22.0		µg/kg wet		20.0		110	70-130		
1,2,4-Trimethylbenzene	18.2		µg/kg wet		20.0		91	70-130		
1,3,5-Trimethylbenzene	17.6		µg/kg wet		20.0		88	70-130		
Vinyl chloride	17.3		µg/kg wet		20.0		86	70-130		
m,p-Xylene	35.7		µg/kg wet		40.0		89	70-130		
o-Xylene	19.0		µg/kg wet		20.0		95	70-130		
Tetrahydrofuran	20.0		µg/kg wet		20.0		100	70-130		
Ethyl ether	20.9		µg/kg wet		20.0		104	65.3-130		
Tert-amyl methyl ether	18.0		µg/kg wet		20.0		90	70-130		
Ethyl tert-butyl ether	18.6		µg/kg wet		20.0		93	70-130		
Di-isopropyl ether	17.6		µg/kg wet		20.0		88	70-130		
Tert-Butanol / butyl alcohol	149		µg/kg wet		200		74	70-130		
1,4-Dioxane	0.0	QC2	µg/kg wet		200			34-155		
Surrogate: 4-Bromofluorobenzene	*49.5*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.9*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*49.6*		µg/kg wet		*50.0*		*99*	*70-130*		
LCS Dup (7031658-BSD1)										
Prepared & Analyzed: 27-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	15.9		µg/kg wet		20.0		80	70-130	3	25
Acetone	10.1		µg/kg wet		20.0		50	1.77-175	4	50
Acrylonitrile	19.7		µg/kg wet		20.0		98	70-130	11	25
Benzene	17.4		µg/kg wet		20.0		87	70-130	1	25
Bromobenzene	20.2		µg/kg wet		20.0		101	70-130	3	25
Bromochloromethane	19.4		µg/kg wet		20.0		97	70-130	6	25
Bromodichloromethane	18.3		µg/kg wet		20.0		92	70-130	1	25
Bromoform	22.0		µg/kg wet		20.0		110	70-130	5	25
Bromomethane	18.9		µg/kg wet		20.0		94	55.3-136	12	50
2-Butanone (MEK)	13.2		µg/kg wet		20.0		66	38.8-142	9	50
n-Butylbenzene	15.3		µg/kg wet		20.0		76	70-130	3	25
sec-Butylbenzene	17.2		µg/kg wet		20.0		86	70-130	4	25
tert-Butylbenzene	18.0		µg/kg wet		20.0		90	70-130	5	25
Carbon disulfide	15.7		µg/kg wet		20.0		78	70-130	3	25
Carbon tetrachloride	14.7		µg/kg wet		20.0		74	70-130	1	25
Chlorobenzene	19.6		µg/kg wet		20.0		98	70-130	2	25
Chloroethane	17.7		µg/kg wet		20.0		88	55.3-130	2	50
Chloroform	18.2		µg/kg wet		20.0		91	70-130	1	25
Chloromethane	16.6		µg/kg wet		20.0		83	70-130	0	25
2-Chlorotoluene	18.1		µg/kg wet		20.0		90	70-130	2	25
4-Chlorotoluene	18.1		µg/kg wet		20.0		90	70-130	2	25
1,2-Dibromo-3-chloropropane	18.0		µg/kg wet		20.0		90	70-130	9	25
Dibromochloromethane	19.7		µg/kg wet		20.0		98	64.7-139	2	50
1,2-Dibromoethane (EDB)	19.8		µg/kg wet		20.0		99	70-130	3	25
Dibromomethane	18.8		µg/kg wet		20.0		94	70-130	4	25
1,2-Dichlorobenzene	18.3		µg/kg wet		20.0		92	70-130	2	25
1,3-Dichlorobenzene	19.6		µg/kg wet		20.0		98	70-130	0	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031658 - SW846 5035A Soil (low level)										
LCS Dup (7031658-BSD1)										
Prepared & Analyzed: 27-Mar-07										
1,4-Dichlorobenzene	18.0		µg/kg wet		20.0		90	70-130	2	25
Dichlorodifluoromethane (Freon12)	16.6		µg/kg wet		20.0		83	34.4-167	4	50
1,1-Dichloroethane	17.2		µg/kg wet		20.0		86	70-130	1	25
1,2-Dichloroethane	17.5		µg/kg wet		20.0		88	70-130	1	25
1,1-Dichloroethene	15.3		µg/kg wet		20.0		76	70-130	0	25
cis-1,2-Dichloroethene	19.0		µg/kg wet		20.0		95	70-130	0	25
trans-1,2-Dichloroethene	17.2		µg/kg wet		20.0		86	70-130	1	25
1,2-Dichloropropane	18.6		µg/kg wet		20.0		93	70-130	1	25
1,3-Dichloropropane	18.4		µg/kg wet		20.0		92	70-130	4	25
2,2-Dichloropropane	14.4		µg/kg wet		20.0		72	70-130	3	25
1,1-Dichloropropene	15.4		µg/kg wet		20.0		77	70-130	1	25
cis-1,3-Dichloropropene	18.5		µg/kg wet		20.0		92	70-130	2	25
trans-1,3-Dichloropropene	18.2		µg/kg wet		20.0		91	70-130	3	25
Ethylbenzene	18.1		µg/kg wet		20.0		90	70-130	3	25
Hexachlorobutadiene	15.1		µg/kg wet		20.0		76	60.7-140	0	50
2-Hexanone (MBK)	12.1	QC2	µg/kg wet		20.0		60	70-130	12	25
Isopropylbenzene	16.8		µg/kg wet		20.0		84	70-130	4	25
4-Isopropyltoluene	16.9		µg/kg wet		20.0		84	70-130	2	25
Methyl tert-butyl ether	19.1		µg/kg wet		20.0		96	70-130	0	25
4-Methyl-2-pentanone (MIBK)	17.2		µg/kg wet		20.0		86	46.1-145	7	50
Methylene chloride	17.9		µg/kg wet		20.0		90	70-130	6	25
Naphthalene	17.8		µg/kg wet		20.0		89	70-130	12	25
n-Propylbenzene	16.9		µg/kg wet		20.0		84	70-130	2	25
Styrene	19.6		µg/kg wet		20.0		98	70-130	2	25
1,1,1,2-Tetrachloroethane	19.2		µg/kg wet		20.0		96	70-130	2	25
1,1,2,2-Tetrachloroethane	20.0		µg/kg wet		20.0		100	70-130	4	25
Tetrachloroethene	16.2		µg/kg wet		20.0		81	70-130	2	25
Toluene	17.1		µg/kg wet		20.0		86	70-130	1	25
1,2,3-Trichlorobenzene	18.4		µg/kg wet		20.0		92	70-130	8	25
1,2,4-Trichlorobenzene	17.7		µg/kg wet		20.0		88	70-130	4	25
1,1,1-Trichloroethane	15.6		µg/kg wet		20.0		78	70-130	3	25
1,1,2-Trichloroethane	19.2		µg/kg wet		20.0		96	70-130	4	25
Trichloroethene	16.8		µg/kg wet		20.0		84	70-130	1	25
Trichlorofluoromethane (Freon 11)	14.3		µg/kg wet		20.0		72	56.8-140	3	50
1,2,3-Trichloropropane	21.9		µg/kg wet		20.0		110	70-130	0	25
1,2,4-Trimethylbenzene	18.3		µg/kg wet		20.0		92	70-130	1	25
1,3,5-Trimethylbenzene	18.0		µg/kg wet		20.0		90	70-130	2	25
Vinyl chloride	18.2		µg/kg wet		20.0		91	70-130	6	25
m,p-Xylene	36.5		µg/kg wet		40.0		91	70-130	2	25
o-Xylene	19.3		µg/kg wet		20.0		96	70-130	1	25
Tetrahydrofuran	17.9		µg/kg wet		20.0		90	70-130	11	25
Ethyl ether	19.5		µg/kg wet		20.0		98	65.3-130	6	50
Tert-amyl methyl ether	17.1		µg/kg wet		20.0		86	70-130	5	25
Ethyl tert-butyl ether	18.6		µg/kg wet		20.0		93	70-130	0	25
Di-isopropyl ether	17.8		µg/kg wet		20.0		89	70-130	1	25
Tert-Butanol / butyl alcohol	127	QC1	µg/kg wet		200		64	70-130	14	25
1,4-Dioxane	0.0	QC2	µg/kg wet		200			34-155		25
Surrogate: 4-Bromofluorobenzene	*49.7*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.7*		µg/kg wet		*50.0*		*89*	*70-130*		
Surrogate: Dibromofluoromethane	*49.6*		µg/kg wet		*50.0*		*99*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031693 - SW846 5035A Soil (low level)										
Blank (7031693-BLK1)										
Prepared & Analyzed: 28-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031693 - SW846 5035A Soil (low level)										
Blank (7031693-BLK1)										
Prepared & Analyzed: 28-Mar-07										
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*44.4*		µg/kg wet		*50.0*		*89*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*55.9*		µg/kg wet		*50.0*		*112*	*70-130*		
Surrogate: Dibromofluoromethane	*53.2*		µg/kg wet		*50.0*		*106*	*70-130*		
LCS (7031693-BS1)										
Prepared & Analyzed: 28-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.0		µg/kg wet		20.0		105	70-130		
Acetone	14.2		µg/kg wet		20.0		71	1.77-175		
Acrylonitrile	19.8		µg/kg wet		20.0		99	70-130		
Benzene	19.3		µg/kg wet		20.0		96	70-130		
Bromobenzene	20.9		µg/kg wet		20.0		104	70-130		
Bromochloromethane	19.8		µg/kg wet		20.0		99	70-130		
Bromodichloromethane	20.7		µg/kg wet		20.0		104	70-130		
Bromoform	21.3		µg/kg wet		20.0		106	70-130		
Bromomethane	20.9		µg/kg wet		20.0		104	55.3-136		
2-Butanone (MEK)	15.1		µg/kg wet		20.0		76	38.8-142		
n-Butylbenzene	19.2		µg/kg wet		20.0		96	70-130		
sec-Butylbenzene	19.7		µg/kg wet		20.0		98	70-130		
tert-Butylbenzene	19.9		µg/kg wet		20.0		100	70-130		
Carbon disulfide	20.2		µg/kg wet		20.0		101	70-130		
Carbon tetrachloride	18.8		µg/kg wet		20.0		94	70-130		
Chlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
Chloroethane	18.5		µg/kg wet		20.0		92	55.3-130		
Chloroform	19.6		µg/kg wet		20.0		98	70-130		
Chloromethane	21.8		µg/kg wet		20.0		109	70-130		
2-Chlorotoluene	20.8		µg/kg wet		20.0		104	70-130		
4-Chlorotoluene	20.3		µg/kg wet		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	20.3		µg/kg wet		20.0		102	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031693 - SW846 5035A Soil (low level)										
LCS (7031693-BS1)										
Prepared & Analyzed: 28-Mar-07										
Dibromochloromethane	21.6		µg/kg wet		20.0		108	64.7-139		
1,2-Dibromoethane (EDB)	21.6		µg/kg wet		20.0		108	70-130		
Dibromomethane	20.2		µg/kg wet		20.0		101	70-130		
1,2-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,3-Dichlorobenzene	20.3		µg/kg wet		20.0		102	70-130		
1,4-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130		
Dichlorodifluoromethane (Freon12)	25.4		µg/kg wet		20.0		127	34.4-167		
1,1-Dichloroethane	19.0		µg/kg wet		20.0		95	70-130		
1,2-Dichloroethane	19.7		µg/kg wet		20.0		98	70-130		
1,1-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130		
cis-1,2-Dichloroethene	19.5		µg/kg wet		20.0		98	70-130		
trans-1,2-Dichloroethene	18.2		µg/kg wet		20.0		91	70-130		
1,2-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130		
1,3-Dichloropropane	20.7		µg/kg wet		20.0		104	70-130		
2,2-Dichloropropane	17.1		µg/kg wet		20.0		86	70-130		
1,1-Dichloropropene	18.8		µg/kg wet		20.0		94	70-130		
cis-1,3-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130		
trans-1,3-Dichloropropene	20.2		µg/kg wet		20.0		101	70-130		
Ethylbenzene	20.8		µg/kg wet		20.0		104	70-130		
Hexachlorobutadiene	18.0		µg/kg wet		20.0		90	60.7-140		
2-Hexanone (MBK)	17.8		µg/kg wet		20.0		89	70-130		
Isopropylbenzene	19.6		µg/kg wet		20.0		98	70-130		
4-Isopropyltoluene	20.0		µg/kg wet		20.0		100	70-130		
Methyl tert-butyl ether	19.9		µg/kg wet		20.0		100	70-130		
4-Methyl-2-pentanone (MIBK)	19.5		µg/kg wet		20.0		98	46.1-145		
Methylene chloride	18.0		µg/kg wet		20.0		90	70-130		
Naphthalene	20.3		µg/kg wet		20.0		102	70-130		
n-Propylbenzene	19.2		µg/kg wet		20.0		96	70-130		
Styrene	20.7		µg/kg wet		20.0		104	70-130		
1,1,1,2-Tetrachloroethane	21.6		µg/kg wet		20.0		108	70-130		
1,1,2,2-Tetrachloroethane	20.8		µg/kg wet		20.0		104	70-130		
Tetrachloroethene	20.1		µg/kg wet		20.0		100	70-130		
Toluene	19.7		µg/kg wet		20.0		98	70-130		
1,2,3-Trichlorobenzene	20.1		µg/kg wet		20.0		100	70-130		
1,2,4-Trichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
1,1,1-Trichloroethane	19.0		µg/kg wet		20.0		95	70-130		
1,1,2-Trichloroethane	21.3		µg/kg wet		20.0		106	70-130		
Trichloroethene	19.5		µg/kg wet		20.0		98	70-130		
Trichlorofluoromethane (Freon 11)	19.8		µg/kg wet		20.0		99	56.8-140		
1,2,3-Trichloropropane	23.0		µg/kg wet		20.0		115	70-130		
1,2,4-Trimethylbenzene	19.8		µg/kg wet		20.0		99	70-130		
1,3,5-Trimethylbenzene	19.8		µg/kg wet		20.0		99	70-130		
Vinyl chloride	23.3		µg/kg wet		20.0		116	70-130		
m,p-Xylene	41.1		µg/kg wet		40.0		103	70-130		
o-Xylene	21.4		µg/kg wet		20.0		107	70-130		
Tetrahydrofuran	18.4		µg/kg wet		20.0		92	70-130		
Ethyl ether	19.8		µg/kg wet		20.0		99	65.3-130		
Tert-amyl methyl ether	18.7		µg/kg wet		20.0		94	70-130		
Ethyl tert-butyl ether	20.3		µg/kg wet		20.0		102	70-130		
Di-isopropyl ether	19.4		µg/kg wet		20.0		97	70-130		
Tert-Butanol / butyl alcohol	180		µg/kg wet		200		90	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031693 - SW846 5035A Soil (low level)										
LCS (7031693-BS1)										
Prepared & Analyzed: 28-Mar-07										
1,4-Dioxane	204		µg/kg wet		200		102	34-155		
Surrogate: 4-Bromofluorobenzene	*47.2*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*50.5*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.3*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
LCS Dup (7031693-BSD1)										
Prepared & Analyzed: 28-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.3		µg/kg wet		20.0		116	70-130	10	25
Acetone	15.7		µg/kg wet		20.0		78	1.77-175	9	50
Acrylonitrile	19.2		µg/kg wet		20.0		96	70-130	3	25
Benzene	18.7		µg/kg wet		20.0		94	70-130	2	25
Bromobenzene	20.2		µg/kg wet		20.0		101	70-130	3	25
Bromochloromethane	19.3		µg/kg wet		20.0		96	70-130	3	25
Bromodichloromethane	19.6		µg/kg wet		20.0		98	70-130	6	25
Bromoform	19.4		µg/kg wet		20.0		97	70-130	9	25
Bromomethane	21.0		µg/kg wet		20.0		105	55.3-136	1	50
2-Butanone (MEK)	15.3		µg/kg wet		20.0		76	38.8-142	0	50
n-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130	12	25
sec-Butylbenzene	20.6		µg/kg wet		20.0		103	70-130	5	25
tert-Butylbenzene	19.9		µg/kg wet		20.0		100	70-130	0	25
Carbon disulfide	20.6		µg/kg wet		20.0		103	70-130	2	25
Carbon tetrachloride	19.0		µg/kg wet		20.0		95	70-130	1	25
Chlorobenzene	20.2		µg/kg wet		20.0		101	70-130	3	25
Chloroethane	19.2		µg/kg wet		20.0		96	55.3-130	4	50
Chloroform	18.9		µg/kg wet		20.0		94	70-130	4	25
Chloromethane	22.5		µg/kg wet		20.0		112	70-130	3	25
2-Chlorotoluene	20.8		µg/kg wet		20.0		104	70-130	0	25
4-Chlorotoluene	20.7		µg/kg wet		20.0		104	70-130	2	25
1,2-Dibromo-3-chloropropane	20.1		µg/kg wet		20.0		100	70-130	2	25
Dibromochloromethane	20.0		µg/kg wet		20.0		100	64.7-139	8	50
1,2-Dibromoethane (EDB)	19.9		µg/kg wet		20.0		100	70-130	8	25
Dibromomethane	20.0		µg/kg wet		20.0		100	70-130	1	25
1,2-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	3	25
1,3-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	4	25
1,4-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	0	25
Dichlorodifluoromethane (Freon12)	27.0		µg/kg wet		20.0		135	34.4-167	6	50
1,1-Dichloroethane	18.6		µg/kg wet		20.0		93	70-130	2	25
1,2-Dichloroethane	19.5		µg/kg wet		20.0		98	70-130	0	25
1,1-Dichloroethene	18.6		µg/kg wet		20.0		93	70-130	1	25
cis-1,2-Dichloroethene	19.6		µg/kg wet		20.0		98	70-130	0	25
trans-1,2-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130	1	25
1,2-Dichloropropane	19.8		µg/kg wet		20.0		99	70-130	3	25
1,3-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130	7	25
2,2-Dichloropropane	17.1		µg/kg wet		20.0		86	70-130	0	25
1,1-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130	1	25
cis-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130	3	25
trans-1,3-Dichloropropene	19.3		µg/kg wet		20.0		96	70-130	5	25
Ethylbenzene	20.2		µg/kg wet		20.0		101	70-130	3	25
Hexachlorobutadiene	19.9		µg/kg wet		20.0		100	60.7-140	11	50
2-Hexanone (MBK)	16.0		µg/kg wet		20.0		80	70-130	11	25
Isopropylbenzene	19.4		µg/kg wet		20.0		97	70-130	1	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031693 - SW846 5035A Soil (low level)										
LCS Dup (7031693-BSD1)										
Prepared & Analyzed: 28-Mar-07										
4-Isopropyltoluene	20.8		µg/kg wet		20.0		104	70-130	4	25
Methyl tert-butyl ether	18.8		µg/kg wet		20.0		94	70-130	6	25
4-Methyl-2-pentanone (MIBK)	18.2		µg/kg wet		20.0		91	46.1-145	7	50
Methylene chloride	17.3		µg/kg wet		20.0		86	70-130	5	25
Naphthalene	19.2		µg/kg wet		20.0		96	70-130	6	25
n-Propylbenzene	20.0		µg/kg wet		20.0		100	70-130	4	25
Styrene	20.4		µg/kg wet		20.0		102	70-130	2	25
1,1,1,2-Tetrachloroethane	19.8		µg/kg wet		20.0		99	70-130	9	25
1,1,2,2-Tetrachloroethane	19.6		µg/kg wet		20.0		98	70-130	6	25
Tetrachloroethene	20.5		µg/kg wet		20.0		102	70-130	2	25
Toluene	19.7		µg/kg wet		20.0		98	70-130	0	25
1,2,3-Trichlorobenzene	19.9		µg/kg wet		20.0		100	70-130	0	25
1,2,4-Trichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	5	25
1,1,1-Trichloroethane	18.9		µg/kg wet		20.0		94	70-130	1	25
1,1,2-Trichloroethane	20.6		µg/kg wet		20.0		103	70-130	3	25
Trichloroethene	20.0		µg/kg wet		20.0		100	70-130	2	25
Trichlorofluoromethane (Freon 11)	20.2		µg/kg wet		20.0		101	56.8-140	2	50
1,2,3-Trichloropropane	22.7		µg/kg wet		20.0		114	70-130	0.9	25
1,2,4-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130	5	25
1,3,5-Trimethylbenzene	20.3		µg/kg wet		20.0		102	70-130	3	25
Vinyl chloride	23.5		µg/kg wet		20.0		118	70-130	2	25
m,p-Xylene	40.8		µg/kg wet		40.0		102	70-130	1	25
o-Xylene	20.8		µg/kg wet		20.0		104	70-130	3	25
Tetrahydrofuran	18.4		µg/kg wet		20.0		92	70-130	0	25
Ethyl ether	19.6		µg/kg wet		20.0		98	65.3-130	1	50
Tert-amyl methyl ether	18.1		µg/kg wet		20.0		90	70-130	4	25
Ethyl tert-butyl ether	19.6		µg/kg wet		20.0		98	70-130	4	25
Di-isopropyl ether	19.0		µg/kg wet		20.0		95	70-130	2	25
Tert-Butanol / butyl alcohol	170		µg/kg wet		200		85	70-130	6	25
1,4-Dioxane	209		µg/kg wet		200		104	34-155	2	25
Surrogate: 4-Bromofluorobenzene	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Batch 7031779 - SW846 5035A Soil (low level)										
Blank (7031779-BLK1)										
Prepared & Analyzed: 29-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031779 - SW846 5035A Soil (low level)										
Blank (7031779-BLK1)										
Prepared & Analyzed: 29-Mar-07										
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031779 - SW846 5035A Soil (low level)										
Blank (7031779-BLK1)										
Prepared & Analyzed: 29-Mar-07										
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*48.9*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*50.5*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*57.1*		µg/kg wet		*50.0*		*114*	*70-130*		
Surrogate: Dibromofluoromethane	*53.2*		µg/kg wet		*50.0*		*106*	*70-130*		
LCS (7031779-BS1)										
Prepared & Analyzed: 29-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.4		µg/kg wet		20.0		87	70-130		
Acetone	10.9		µg/kg wet		20.0		54	1.77-175		
Acrylonitrile	19.2		µg/kg wet		20.0		96	70-130		
Benzene	19.5		µg/kg wet		20.0		98	70-130		
Bromobenzene	22.3		µg/kg wet		20.0		112	70-130		
Bromochloromethane	21.1		µg/kg wet		20.0		106	70-130		
Bromodichloromethane	21.0		µg/kg wet		20.0		105	70-130		
Bromoform	19.9		µg/kg wet		20.0		100	70-130		
Bromomethane	18.7		µg/kg wet		20.0		94	55.3-136		
2-Butanone (MEK)	15.9		µg/kg wet		20.0		80	38.8-142		
n-Butylbenzene	18.0		µg/kg wet		20.0		90	70-130		
sec-Butylbenzene	18.8		µg/kg wet		20.0		94	70-130		
tert-Butylbenzene	19.9		µg/kg wet		20.0		100	70-130		
Carbon disulfide	15.4		µg/kg wet		20.0		77	70-130		
Carbon tetrachloride	18.2		µg/kg wet		20.0		91	70-130		
Chlorobenzene	21.6		µg/kg wet		20.0		108	70-130		
Chloroethane	17.7		µg/kg wet		20.0		88	55.3-130		
Chloroform	20.6		µg/kg wet		20.0		103	70-130		
Chloromethane	19.7		µg/kg wet		20.0		98	70-130		
2-Chlorotoluene	21.0		µg/kg wet		20.0		105	70-130		
4-Chlorotoluene	20.3		µg/kg wet		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	19.9		µg/kg wet		20.0		100	70-130		
Dibromochloromethane	20.6		µg/kg wet		20.0		103	64.7-139		
1,2-Dibromoethane (EDB)	20.7		µg/kg wet		20.0		104	70-130		
Dibromomethane	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dichlorobenzene	21.3		µg/kg wet		20.0		106	70-130		
1,3-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130		
1,4-Dichlorobenzene	20.3		µg/kg wet		20.0		102	70-130		
Dichlorodifluoromethane (Freon12)	19.5		µg/kg wet		20.0		98	34.4-167		
1,1-Dichloroethane	18.9		µg/kg wet		20.0		94	70-130		
1,2-Dichloroethane	20.7		µg/kg wet		20.0		104	70-130		
1,1-Dichloroethene	16.7		µg/kg wet		20.0		84	70-130		
cis-1,2-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130		
trans-1,2-Dichloroethene	19.1		µg/kg wet		20.0		96	70-130		
1,2-Dichloropropane	19.9		µg/kg wet		20.0		100	70-130		
1,3-Dichloropropane	19.8		µg/kg wet		20.0		99	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031779 - SW846 5035A Soil (low level)										
LCS (7031779-BS1)										
Prepared & Analyzed: 29-Mar-07										
2,2-Dichloropropane	17.1		µg/kg wet		20.0		86	70-130		
1,1-Dichloropropene	18.3		µg/kg wet		20.0		92	70-130		
cis-1,3-Dichloropropene	19.7		µg/kg wet		20.0		98	70-130		
trans-1,3-Dichloropropene	20.1		µg/kg wet		20.0		100	70-130		
Ethylbenzene	21.1		µg/kg wet		20.0		106	70-130		
Hexachlorobutadiene	18.8		µg/kg wet		20.0		94	60.7-140		
2-Hexanone (MBK)	16.1		µg/kg wet		20.0		80	70-130		
Isopropylbenzene	19.4		µg/kg wet		20.0		97	70-130		
4-Isopropyltoluene	19.5		µg/kg wet		20.0		98	70-130		
Methyl tert-butyl ether	21.3		µg/kg wet		20.0		106	70-130		
4-Methyl-2-pentanone (MIBK)	18.4		µg/kg wet		20.0		92	46.1-145		
Methylene chloride	17.6		µg/kg wet		20.0		88	70-130		
Naphthalene	21.1		µg/kg wet		20.0		106	70-130		
n-Propylbenzene	18.8		µg/kg wet		20.0		94	70-130		
Styrene	21.4		µg/kg wet		20.0		107	70-130		
1,1,1,2-Tetrachloroethane	20.5		µg/kg wet		20.0		102	70-130		
1,1,2,2-Tetrachloroethane	18.0		µg/kg wet		20.0		90	70-130		
Tetrachloroethene	20.2		µg/kg wet		20.0		101	70-130		
Toluene	19.8		µg/kg wet		20.0		99	70-130		
1,2,3-Trichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,2,4-Trichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
1,1,1-Trichloroethane	19.0		µg/kg wet		20.0		95	70-130		
1,1,2-Trichloroethane	21.8		µg/kg wet		20.0		109	70-130		
Trichloroethene	20.7		µg/kg wet		20.0		104	70-130		
Trichlorofluoromethane (Freon 11)	16.0		µg/kg wet		20.0		80	56.8-140		
1,2,3-Trichloropropane	21.4		µg/kg wet		20.0		107	70-130		
1,2,4-Trimethylbenzene	19.7		µg/kg wet		20.0		98	70-130		
1,3,5-Trimethylbenzene	20.0		µg/kg wet		20.0		100	70-130		
Vinyl chloride	17.7		µg/kg wet		20.0		88	70-130		
m,p-Xylene	41.5		µg/kg wet		40.0		104	70-130		
o-Xylene	21.3		µg/kg wet		20.0		106	70-130		
Tetrahydrofuran	18.4		µg/kg wet		20.0		92	70-130		
Ethyl ether	20.3		µg/kg wet		20.0		102	65.3-130		
Tert-amyl methyl ether	19.2		µg/kg wet		20.0		96	70-130		
Ethyl tert-butyl ether	21.1		µg/kg wet		20.0		106	70-130		
Di-isopropyl ether	19.3		µg/kg wet		20.0		96	70-130		
Tert-Butanol / butyl alcohol	169		µg/kg wet		200		84	70-130		
1,4-Dioxane	203		µg/kg wet		200		102	34-155		
Surrogate: 4-Bromofluorobenzene	*48.5*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS Dup (7031779-BSD1)										
Prepared & Analyzed: 29-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.1		µg/kg wet		20.0		90	70-130	3	25
Acetone	11.6		µg/kg wet		20.0		58	1.77-175	7	50
Acrylonitrile	18.7		µg/kg wet		20.0		94	70-130	2	25
Benzene	18.6		µg/kg wet		20.0		93	70-130	5	25
Bromobenzene	20.0		µg/kg wet		20.0		100	70-130	11	25
Bromochloromethane	20.4		µg/kg wet		20.0		102	70-130	4	25
Bromodichloromethane	20.3		µg/kg wet		20.0		102	70-130	3	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031779 - SW846 5035A Soil (low level)										
LCS Dup (7031779-BSD1)										
Prepared & Analyzed: 29-Mar-07										
Bromoform	20.7		µg/kg wet		20.0		104	70-130	4	25
Bromomethane	17.7		µg/kg wet		20.0		88	55.3-136	7	50
2-Butanone (MEK)	14.6		µg/kg wet		20.0		73	38.8-142	9	50
n-Butylbenzene	16.3		µg/kg wet		20.0		82	70-130	9	25
sec-Butylbenzene	17.5		µg/kg wet		20.0		88	70-130	7	25
tert-Butylbenzene	18.7		µg/kg wet		20.0		94	70-130	6	25
Carbon disulfide	18.0		µg/kg wet		20.0		90	70-130	16	25
Carbon tetrachloride	18.3		µg/kg wet		20.0		92	70-130	1	25
Chlorobenzene	19.4		µg/kg wet		20.0		97	70-130	11	25
Chloroethane	17.0		µg/kg wet		20.0		85	55.3-130	3	50
Chloroform	19.9		µg/kg wet		20.0		100	70-130	3	25
Chloromethane	18.7		µg/kg wet		20.0		94	70-130	4	25
2-Chlorotoluene	19.0		µg/kg wet		20.0		95	70-130	10	25
4-Chlorotoluene	18.6		µg/kg wet		20.0		93	70-130	9	25
1,2-Dibromo-3-chloropropane	20.0		µg/kg wet		20.0		100	70-130	0	25
Dibromochloromethane	21.0		µg/kg wet		20.0		105	64.7-139	2	50
1,2-Dibromoethane (EDB)	21.0		µg/kg wet		20.0		105	70-130	1	25
Dibromomethane	20.0		µg/kg wet		20.0		100	70-130	2	25
1,2-Dichlorobenzene	19.7		µg/kg wet		20.0		98	70-130	8	25
1,3-Dichlorobenzene	19.0		µg/kg wet		20.0		95	70-130	7	25
1,4-Dichlorobenzene	18.5		µg/kg wet		20.0		92	70-130	10	25
Dichlorodifluoromethane (Freon12)	20.4		µg/kg wet		20.0		102	34.4-167	4	50
1,1-Dichloroethane	18.4		µg/kg wet		20.0		92	70-130	2	25
1,2-Dichloroethane	20.2		µg/kg wet		20.0		101	70-130	3	25
1,1-Dichloroethene	16.6		µg/kg wet		20.0		83	70-130	1	25
cis-1,2-Dichloroethene	20.2		µg/kg wet		20.0		101	70-130	3	25
trans-1,2-Dichloroethene	18.2		µg/kg wet		20.0		91	70-130	5	25
1,2-Dichloropropane	19.1		µg/kg wet		20.0		96	70-130	4	25
1,3-Dichloropropane	19.6		µg/kg wet		20.0		98	70-130	1	25
2,2-Dichloropropane	16.9		µg/kg wet		20.0		84	70-130	2	25
1,1-Dichloropropene	17.8		µg/kg wet		20.0		89	70-130	3	25
cis-1,3-Dichloropropene	19.3		µg/kg wet		20.0		96	70-130	2	25
trans-1,3-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130	2	25
Ethylbenzene	19.0		µg/kg wet		20.0		95	70-130	11	25
Hexachlorobutadiene	17.3		µg/kg wet		20.0		86	60.7-140	9	50
2-Hexanone (MBK)	15.2		µg/kg wet		20.0		76	70-130	5	25
Isopropylbenzene	17.4		µg/kg wet		20.0		87	70-130	11	25
4-Isopropyltoluene	18.1		µg/kg wet		20.0		90	70-130	9	25
Methyl tert-butyl ether	20.7		µg/kg wet		20.0		104	70-130	2	25
4-Methyl-2-pentanone (MIBK)	18.0		µg/kg wet		20.0		90	46.1-145	2	50
Methylene chloride	16.9		µg/kg wet		20.0		84	70-130	5	25
Naphthalene	20.6		µg/kg wet		20.0		103	70-130	3	25
n-Propylbenzene	17.0		µg/kg wet		20.0		85	70-130	10	25
Styrene	19.4		µg/kg wet		20.0		97	70-130	10	25
1,1,1,2-Tetrachloroethane	21.3		µg/kg wet		20.0		106	70-130	4	25
1,1,2,2-Tetrachloroethane	18.3		µg/kg wet		20.0		92	70-130	2	25
Tetrachloroethene	19.0		µg/kg wet		20.0		95	70-130	6	25
Toluene	18.6		µg/kg wet		20.0		93	70-130	6	25
1,2,3-Trichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	0	25
1,2,4-Trichlorobenzene	19.6		µg/kg wet		20.0		98	70-130	4	25
1,1,1-Trichloroethane	18.8		µg/kg wet		20.0		94	70-130	1	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031779 - SW846 5035A Soil (low level)										
LCS Dup (7031779-BSD1)										
Prepared & Analyzed: 29-Mar-07										
1,1,2-Trichloroethane	20.4		µg/kg wet		20.0		102	70-130	7	25
Trichloroethene	19.1		µg/kg wet		20.0		96	70-130	8	25
Trichlorofluoromethane (Freon 11)	16.4		µg/kg wet		20.0		82	56.8-140	2	50
1,2,3-Trichloropropane	21.5		µg/kg wet		20.0		108	70-130	0.9	25
1,2,4-Trimethylbenzene	18.8		µg/kg wet		20.0		94	70-130	4	25
1,3,5-Trimethylbenzene	18.7		µg/kg wet		20.0		94	70-130	6	25
Vinyl chloride	18.0		µg/kg wet		20.0		90	70-130	2	25
m,p-Xylene	37.5		µg/kg wet		40.0		94	70-130	10	25
o-Xylene	19.4		µg/kg wet		20.0		97	70-130	9	25
Tetrahydrofuran	17.5		µg/kg wet		20.0		88	70-130	4	25
Ethyl ether	19.7		µg/kg wet		20.0		98	65.3-130	4	50
Tert-amyl methyl ether	18.7		µg/kg wet		20.0		94	70-130	2	25
Ethyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130	3	25
Di-isopropyl ether	18.9		µg/kg wet		20.0		94	70-130	2	25
Tert-Butanol / butyl alcohol	165		µg/kg wet		200		82	70-130	2	25
1,4-Dioxane	205		µg/kg wet		200		102	34-155	0	25
Surrogate: 4-Bromofluorobenzene	*48.9*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*50.2*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		
Batch 7031784 - SW846 5030 Soil (high level)										
Blank (7031784-BLK1)										
Prepared & Analyzed: 29-Mar-07										
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 7031784 - SW846 5030 Soil (high level)										
Blank (7031784-BLK1)										
Prepared & Analyzed: 29-Mar-07										
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	*31.1*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*31.7*		µg/kg wet		*30.0*		*106*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.6*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
LCS (7031784-BS1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031784 - SW846 5030 Soil (high level)										
Prepared & Analyzed: 29-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	16.8		µg/kg wet		20.0		84	70-130		
Acetone	13.2		µg/kg wet		20.0		66	1.77-175		
Acrylonitrile	18.6		µg/kg wet		20.0		93	70-130		
Benzene	20.2		µg/kg wet		20.0		101	70-130		
Bromobenzene	20.4		µg/kg wet		20.0		102	70-130		
Bromochloromethane	19.4		µg/kg wet		20.0		97	70-130		
Bromodichloromethane	20.6		µg/kg wet		20.0		103	70-130		
Bromoform	21.4		µg/kg wet		20.0		107	70-130		
Bromomethane	20.1		µg/kg wet		20.0		100	55.3-136		
2-Butanone (MEK)	14.6		µg/kg wet		20.0		73	38.8-142		
n-Butylbenzene	16.9		µg/kg wet		20.0		84	70-130		
sec-Butylbenzene	18.8		µg/kg wet		20.0		94	70-130		
tert-Butylbenzene	19.7		µg/kg wet		20.0		98	70-130		
Carbon disulfide	16.0		µg/kg wet		20.0		80	70-130		
Carbon tetrachloride	15.6		µg/kg wet		20.0		78	70-130		
Chlorobenzene	20.1		µg/kg wet		20.0		100	70-130		
Chloroethane	17.4		µg/kg wet		20.0		87	55.3-130		
Chloroform	18.8		µg/kg wet		20.0		94	70-130		
Chloromethane	18.5		µg/kg wet		20.0		92	70-130		
2-Chlorotoluene	19.1		µg/kg wet		20.0		96	70-130		
4-Chlorotoluene	19.5		µg/kg wet		20.0		98	70-130		
1,2-Dibromo-3-chloropropane	19.2		µg/kg wet		20.0		96	70-130		
Dibromochloromethane	20.5		µg/kg wet		20.0		102	64.7-139		
1,2-Dibromoethane (EDB)	21.1		µg/kg wet		20.0		106	70-130		
Dibromomethane	19.8		µg/kg wet		20.0		99	70-130		
1,2-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130		
1,3-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
1,4-Dichlorobenzene	19.3		µg/kg wet		20.0		96	70-130		
Dichlorodifluoromethane (Freon12)	18.5		µg/kg wet		20.0		92	34.4-167		
1,1-Dichloroethane	18.3		µg/kg wet		20.0		92	70-130		
1,2-Dichloroethane	18.0		µg/kg wet		20.0		90	70-130		
1,1-Dichloroethene	16.5		µg/kg wet		20.0		82	70-130		
cis-1,2-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130		
trans-1,2-Dichloroethene	17.8		µg/kg wet		20.0		89	70-130		
1,2-Dichloropropane	20.3		µg/kg wet		20.0		102	70-130		
1,3-Dichloropropane	20.5		µg/kg wet		20.0		102	70-130		
2,2-Dichloropropane	14.6		µg/kg wet		20.0		73	70-130		
1,1-Dichloropropene	18.8		µg/kg wet		20.0		94	70-130		
cis-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130		
trans-1,3-Dichloropropene	19.4		µg/kg wet		20.0		97	70-130		
Ethylbenzene	19.3		µg/kg wet		20.0		96	70-130		
Hexachlorobutadiene	18.8		µg/kg wet		20.0		94	60.7-140		
2-Hexanone (MBK)	13.0	QC1	µg/kg wet		20.0		65	70-130		
Isopropylbenzene	18.1		µg/kg wet		20.0		90	70-130		
4-Isopropyltoluene	19.1		µg/kg wet		20.0		96	70-130		
Methyl tert-butyl ether	19.8		µg/kg wet		20.0		99	70-130		
4-Methyl-2-pentanone (MIBK)	18.4		µg/kg wet		20.0		92	46.1-145		
Methylene chloride	16.3		µg/kg wet		20.0		82	70-130		
Naphthalene	19.5		µg/kg wet		20.0		98	70-130		
n-Propylbenzene	17.4		µg/kg wet		20.0		87	70-130		
Styrene	21.6		µg/kg wet		20.0		108	70-130		
1,1,1,2-Tetrachloroethane	20.5		µg/kg wet		20.0		102	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031784 - SW846 5030 Soil (high level)										
LCS (7031784-BS1)										
Prepared & Analyzed: 29-Mar-07										
1,1,2,2-Tetrachloroethane	20.1		µg/kg wet		20.0		100	70-130		
Tetrachloroethene	17.2		µg/kg wet		20.0		86	70-130		
Toluene	18.2		µg/kg wet		20.0		91	70-130		
1,2,3-Trichlorobenzene	19.6		µg/kg wet		20.0		98	70-130		
1,2,4-Trichlorobenzene	19.3		µg/kg wet		20.0		96	70-130		
1,1,1-Trichloroethane	16.8		µg/kg wet		20.0		84	70-130		
1,1,2-Trichloroethane	21.0		µg/kg wet		20.0		105	70-130		
Trichloroethene	19.7		µg/kg wet		20.0		98	70-130		
Trichlorofluoromethane (Freon 11)	16.1		µg/kg wet		20.0		80	56.8-140		
1,2,3-Trichloropropane	23.2		µg/kg wet		20.0		116	70-130		
1,2,4-Trimethylbenzene	19.3		µg/kg wet		20.0		96	70-130		
1,3,5-Trimethylbenzene	19.8		µg/kg wet		20.0		99	70-130		
Vinyl chloride	16.9		µg/kg wet		20.0		84	70-130		
m,p-Xylene	39.4		µg/kg wet		40.0		98	70-130		
o-Xylene	20.4		µg/kg wet		20.0		102	70-130		
Tetrahydrofuran	24.4		µg/kg wet		20.0		122	70-130		
Ethyl ether	19.3		µg/kg wet		20.0		96	65.3-130		
Tert-amyl methyl ether	18.6		µg/kg wet		20.0		93	70-130		
Ethyl tert-butyl ether	21.4		µg/kg wet		20.0		107	70-130		
Di-isopropyl ether	17.0		µg/kg wet		20.0		85	70-130		
Tert-Butanol / butyl alcohol	212		µg/kg wet		200		106	70-130		
1,4-Dioxane	192		µg/kg wet		200		96	34-155		
Surrogate: 4-Bromofluorobenzene	*30.3*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*29.8*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.3*		µg/kg wet		*30.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*31.5*		µg/kg wet		*30.0*		*105*	*70-130*		
LCS Dup (7031784-BSD1)										
Prepared & Analyzed: 29-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.8		µg/kg wet		20.0		94	70-130	11	25
Acetone	17.0		µg/kg wet		20.0		85	1.77-175	25	50
Acrylonitrile	21.7		µg/kg wet		20.0		108	70-130	15	25
Benzene	21.2		µg/kg wet		20.0		106	70-130	5	25
Bromobenzene	22.6		µg/kg wet		20.0		113	70-130	10	25
Bromochloromethane	21.9		µg/kg wet		20.0		110	70-130	13	25
Bromodichloromethane	21.9		µg/kg wet		20.0		110	70-130	7	25
Bromoform	23.3		µg/kg wet		20.0		116	70-130	8	25
Bromomethane	24.4		µg/kg wet		20.0		122	55.3-136	20	50
2-Butanone (MEK)	16.5		µg/kg wet		20.0		82	38.8-142	12	50
n-Butylbenzene	18.4		µg/kg wet		20.0		92	70-130	9	25
sec-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130	6	25
tert-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130	10	25
Carbon disulfide	18.2		µg/kg wet		20.0		91	70-130	13	25
Carbon tetrachloride	16.8		µg/kg wet		20.0		84	70-130	7	25
Chlorobenzene	21.6		µg/kg wet		20.0		108	70-130	8	25
Chloroethane	19.2		µg/kg wet		20.0		96	55.3-130	10	50
Chloroform	20.6		µg/kg wet		20.0		103	70-130	9	25
Chloromethane	20.3		µg/kg wet		20.0		102	70-130	10	25
2-Chlorotoluene	20.7		µg/kg wet		20.0		104	70-130	8	25
4-Chlorotoluene	21.0		µg/kg wet		20.0		105	70-130	7	25
1,2-Dibromo-3-chloropropane	21.6		µg/kg wet		20.0		108	70-130	12	25
Dibromochloromethane	23.3		µg/kg wet		20.0		116	64.7-139	13	50

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031784 - SW846 5030 Soil (high level)										
LCS Dup (7031784-BSD1)										
Prepared & Analyzed: 29-Mar-07										
1,2-Dibromoethane (EDB)	24.5		µg/kg wet		20.0		122	70-130	14	25
Dibromomethane	21.8		µg/kg wet		20.0		109	70-130	10	25
1,2-Dichlorobenzene	21.8		µg/kg wet		20.0		109	70-130	7	25
1,3-Dichlorobenzene	21.8		µg/kg wet		20.0		109	70-130	6	25
1,4-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	9	25
Dichlorodifluoromethane (Freon12)	21.0		µg/kg wet		20.0		105	34.4-167	13	50
1,1-Dichloroethane	20.1		µg/kg wet		20.0		100	70-130	8	25
1,2-Dichloroethane	20.5		µg/kg wet		20.0		102	70-130	12	25
1,1-Dichloroethene	19.0		µg/kg wet		20.0		95	70-130	15	25
cis-1,2-Dichloroethene	21.0		µg/kg wet		20.0		105	70-130	9	25
trans-1,2-Dichloroethene	19.6		µg/kg wet		20.0		98	70-130	10	25
1,2-Dichloropropane	22.0		µg/kg wet		20.0		110	70-130	8	25
1,3-Dichloropropane	23.0		µg/kg wet		20.0		115	70-130	12	25
2,2-Dichloropropane	16.3		µg/kg wet		20.0		82	70-130	12	25
1,1-Dichloropropene	17.8		µg/kg wet		20.0		89	70-130	5	25
cis-1,3-Dichloropropene	21.3		µg/kg wet		20.0		106	70-130	11	25
trans-1,3-Dichloropropene	22.3		µg/kg wet		20.0		112	70-130	14	25
Ethylbenzene	20.8		µg/kg wet		20.0		104	70-130	8	25
Hexachlorobutadiene	20.4		µg/kg wet		20.0		102	60.7-140	8	50
2-Hexanone (MBK)	16.5		µg/kg wet		20.0		82	70-130	23	25
Isopropylbenzene	19.8		µg/kg wet		20.0		99	70-130	10	25
4-Isopropyltoluene	20.3		µg/kg wet		20.0		102	70-130	6	25
Methyl tert-butyl ether	21.6		µg/kg wet		20.0		108	70-130	9	25
4-Methyl-2-pentanone (MIBK)	20.8		µg/kg wet		20.0		104	46.1-145	12	50
Methylene chloride	19.3		µg/kg wet		20.0		96	70-130	16	25
Naphthalene	24.2		µg/kg wet		20.0		121	70-130	21	25
n-Propylbenzene	18.6		µg/kg wet		20.0		93	70-130	7	25
Styrene	23.2		µg/kg wet		20.0		116	70-130	7	25
1,1,1,2-Tetrachloroethane	22.3		µg/kg wet		20.0		112	70-130	9	25
1,1,2,2-Tetrachloroethane	21.4		µg/kg wet		20.0		107	70-130	7	25
Tetrachloroethene	19.3		µg/kg wet		20.0		96	70-130	11	25
Toluene	20.5		µg/kg wet		20.0		102	70-130	11	25
1,2,3-Trichlorobenzene	21.9		µg/kg wet		20.0		110	70-130	12	25
1,2,4-Trichlorobenzene	21.5		µg/kg wet		20.0		108	70-130	12	25
1,1,1-Trichloroethane	17.8		µg/kg wet		20.0		89	70-130	6	25
1,1,2-Trichloroethane	23.8		µg/kg wet		20.0		119	70-130	12	25
Trichloroethene	22.1		µg/kg wet		20.0		110	70-130	12	25
Trichlorofluoromethane (Freon 11)	17.8		µg/kg wet		20.0		89	56.8-140	11	50
1,2,3-Trichloropropane	25.8		µg/kg wet		20.0		129	70-130	11	25
1,2,4-Trimethylbenzene	21.5		µg/kg wet		20.0		108	70-130	12	25
1,3,5-Trimethylbenzene	21.7		µg/kg wet		20.0		108	70-130	9	25
Vinyl chloride	18.5		µg/kg wet		20.0		92	70-130	9	25
m,p-Xylene	42.3		µg/kg wet		40.0		106	70-130	8	25
o-Xylene	22.0		µg/kg wet		20.0		110	70-130	8	25
Tetrahydrofuran	21.4		µg/kg wet		20.0		107	70-130	13	25
Ethyl ether	20.5		µg/kg wet		20.0		102	65.3-130	6	50
Tert-amyl methyl ether	19.7		µg/kg wet		20.0		98	70-130	5	25
Ethyl tert-butyl ether	21.1		µg/kg wet		20.0		106	70-130	0.9	25
Di-isopropyl ether	19.3		µg/kg wet		20.0		96	70-130	12	25
Tert-Butanol / butyl alcohol	241		µg/kg wet		200		120	70-130	12	25
1,4-Dioxane	261	QR5	µg/kg wet		200		130	34-155	30	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031784 - SW846 5030 Soil (high level)										
LCS Dup (7031784-BSD1)										
Prepared & Analyzed: 29-Mar-07										
Surrogate: 4-Bromofluorobenzene	*30.7*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*31.0*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.6*		µg/kg wet		*30.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*29.3*		µg/kg wet		*30.0*		*98*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031505 - SW846 3510C										
Blank (7031505-BLK1)										
Prepared: 26-Mar-07 Analyzed: 28-Mar-07										
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	*0.0585*		mg/l		*0.0500*		*117*	*40-140*		
LCS (7031505-BS1)										
Prepared: 26-Mar-07 Analyzed: 28-Mar-07										
C9-C36 Aliphatic Hydrocarbons	1.4		mg/l	0.05	1.40		100	60-120		
Surrogate: 1-Chlorooctadecane	*0.0573*		mg/l		*0.0500*		*115*	*60-120*		
Batch 7031513 - SW846 3550B										
Blank (7031513-BLK1)										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.56*		mg/kg wet		*3.33*		*77*	*40-140*		
LCS (7031513-BS1)										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
C9-C36 Aliphatic Hydrocarbons	75.8		mg/kg wet	13.3	93.3		81	60-120		
Surrogate: 1-Chlorooctadecane	*2.83*		mg/kg wet		*3.33*		*85*	*60-120*		
Batch 7031589 - SW846 3550B										
Blank (7031589-BLK1)										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
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	*2.24*		mg/kg wet		*3.33*		*67*	*40-140*		
LCS (7031589-BS1)										

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031589 - SW846 3550B										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
C9-C36 Aliphatic Hydrocarbons	68.9		mg/kg wet	13.3	93.3		74	60-120		
Surrogate: 1-Chlorooctadecane	*2.40*		mg/kg wet		*3.33*		*72*	*60-120*		
Duplicate (7031589-DUP1) **Source: SA59724-03**										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Gasoline	BRL		mg/kg dry	28.9		BRL				50
Fuel Oil #2	BRL		mg/kg dry	28.9		BRL				50
Fuel Oil #4	BRL		mg/kg dry	28.9		BRL				50
Fuel Oil #6	BRL		mg/kg dry	28.9		BRL				50
Motor Oil	BRL		mg/kg dry	28.9		BRL				50
Aviation Fuel	BRL		mg/kg dry	28.9		BRL				50
Unidentified	BRL		mg/kg dry	28.9		BRL				50
Other Oil	BRL		mg/kg dry	28.9		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.9		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.9		BRL				50
Surrogate: 1-Chlorooctadecane	*3.05*		mg/kg dry		*3.62*		*84*	*40-140*		
Matrix Spike (7031589-MS1) **Source: SA59724-03**										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
C9-C36 Aliphatic Hydrocarbons	75.0		mg/kg dry	14.5	102	BRL	74	50-150		
Surrogate: 1-Chlorooctadecane	*2.42*		mg/kg dry		*3.63*		*67*	*40-140*		
Matrix Spike Dup (7031589-MSD1) **Source: SA59724-03**										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
C9-C36 Aliphatic Hydrocarbons	78.4		mg/kg dry	14.5	102	BRL	77	50-150	4	30
Surrogate: 1-Chlorooctadecane	*2.59*		mg/kg dry		*3.63*		*71*	*40-140*		
Batch 7031590 - SW846 3550B										
Blank (7031590-BLK1)										
Prepared: 27-Mar-07 Analyzed: 29-Mar-07										
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	*2.24*		mg/kg wet		*3.33*		*67*	*40-140*		
LCS (7031590-BS1)										
Prepared: 27-Mar-07 Analyzed: 29-Mar-07										
C9-C36 Aliphatic Hydrocarbons	70.7		mg/kg wet	13.3	93.3		76	60-120		
Surrogate: 1-Chlorooctadecane	*2.72*		mg/kg wet		*3.33*		*82*	*60-120*		
Duplicate (7031590-DUP1) **Source: SA59641-16**										
Prepared: 27-Mar-07 Analyzed: 29-Mar-07										
Gasoline	BRL		mg/kg dry	14.9		BRL				50
Fuel Oil #2	BRL		mg/kg dry	14.9		BRL				50
Fuel Oil #4	BRL		mg/kg dry	14.9		BRL				50
Fuel Oil #6	BRL		mg/kg dry	14.9		BRL				50
Motor Oil	BRL		mg/kg dry	14.9		BRL				50
Aviation Fuel	BRL		mg/kg dry	14.9		BRL				50
Unidentified	BRL		mg/kg dry	14.9		BRL				50

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031590 - SW846 3550B										
Duplicate (7031590-DUP1) **Source: SA59641-16**										
Prepared: 27-Mar-07 Analyzed: 29-Mar-07										
Other Oil	BRL		mg/kg dry	14.9		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.9		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.9		BRL				50
Surrogate: 1-Chlorooctadecane	*1.21*		mg/kg dry		*1.87*		*65*	*40-140*		
Matrix Spike (7031590-MS1) **Source: SA59641-16**										
Prepared: 27-Mar-07 Analyzed: 29-Mar-07										
C9-C36 Aliphatic Hydrocarbons	68.2		mg/kg dry	14.4	101	BRL	68	50-150		
Surrogate: 1-Chlorooctadecane	*2.73*		mg/kg dry		*3.60*		*76*	*40-140*		
Matrix Spike Dup (7031590-MSD1) **Source: SA59641-16**										
Prepared: 27-Mar-07 Analyzed: 29-Mar-07										
C9-C36 Aliphatic Hydrocarbons	78.7		mg/kg dry	14.4	101	BRL	78	50-150	14	30
Surrogate: 1-Chlorooctadecane	*2.78*		mg/kg dry		*3.60*		*77*	*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 7031496 - SW846 3510C										
Blank (7031496-BLK1)										
Prepared & Analyzed: 26-Mar-07										
PCB 1016	BRL		µg/l	0.200						
PCB 1221	BRL		µg/l	0.200						
PCB 1232	BRL		µg/l	0.200						
PCB 1242	BRL		µg/l	0.200						
PCB 1248	BRL		µg/l	0.200						
PCB 1254	BRL		µg/l	0.200						
PCB 1260	BRL		µg/l	0.200						
PCB 1262	BRL		µg/l	0.200						
PCB 1268	BRL		µg/l	0.200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.200*		µg/l		*0.200*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.210*		µg/l		*0.200*		*105*	*30-150*		
LCS (7031496-BS1)										
Prepared & Analyzed: 26-Mar-07										
PCB 1016	2.67		µg/l	0.200	2.50		107	40-140		
PCB 1260	2.96		µg/l	0.200	2.50		118	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.130*		µg/l		*0.200*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.210*		µg/l		*0.200*		*105*	*30-150*		
LCS Dup (7031496-BSD1)										
Prepared & Analyzed: 26-Mar-07										
PCB 1016	2.71		µg/l	0.200	2.50		108	40-140	0.9	20
PCB 1260	3.11		µg/l	0.200	2.50		124	40-140	5	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.130*		µg/l		*0.200*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.220*		µg/l		*0.200*		*110*	*30-150*		
Matrix Spike (7031496-MS1) **Source: SA59669-11**										
Prepared & Analyzed: 26-Mar-07										
PCB 1016	3.13		µg/l	0.235	2.94	BRL	106	40-140		
PCB 1260	3.72		µg/l	0.235	2.94	0.411	113	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.141*		µg/l		*0.235*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.247*		µg/l		*0.235*		*105*	*30-150*		
Matrix Spike Dup (7031496-MSD1) **Source: SA59669-11**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
PCB 1016	3.10		µg/l	0.222	2.78	BRL	112	40-140	6	50
PCB 1260	3.54		µg/l	0.222	2.78	0.411	113	40-140	0	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.133*		µg/l		*0.222*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.244*		µg/l		*0.222*		*110*	*30-150*		
Batch 7031497 - SW846 3510C										
Blank (7031497-BLK1)										
Prepared & Analyzed: 26-Mar-07										
Aldrin	BRL		µg/l	0.0100						
a-BHC	BRL		µg/l	0.0100						
b-BHC	BRL		µg/l	0.0100						
d-BHC	BRL		µg/l	0.0100						
g-BHC (Lindane)	BRL		µg/l	0.0100						
Chlordane	BRL		µg/l	0.0500						
4,4'-DDD (p,p')	BRL		µg/l	0.0100						
4,4'-DDE (p,p')	BRL		µg/l	0.0100						
4,4'-DDT (p,p')	BRL		µg/l	0.0100						
Dieldrin	BRL		µg/l	0.0100						
Endosulfan I	BRL		µg/l	0.0100						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031497 - SW846 3510C										
Blank (7031497-BLK1)										
Prepared & Analyzed: 26-Mar-07										
Endosulfan II	BRL		µg/l	0.0100						
Endosulfan Sulfate	BRL		µg/l	0.0100						
Endrin	BRL		µg/l	0.0100						
Endrin Aldehyde	BRL		µg/l	0.0100						
Heptachlor	BRL		µg/l	0.0100						
Methoxychlor	BRL		µg/l	0.0100						
Heptachlor Epoxide	BRL		µg/l	0.0100						
Toxaphene	BRL		µg/l	0.0500						
a-Chlordane	BRL		µg/l	0.0100						
g-Chlordane	BRL		µg/l	0.0100						
Endrin Ketone	BRL		µg/l	0.0100						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0125*		µg/l		*0.0200*		*62*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0152*		µg/l		*0.0200*		*76*	*30-150*		
LCS (7031497-BS1)										
Prepared & Analyzed: 26-Mar-07										
Aldrin	0.0120		µg/l	0.0100	0.0200		60	40-140		
a-BHC	0.0102		µg/l	0.0100	0.0200		51	40-140		
b-BHC	0.0109		µg/l	0.0100	0.0200		54	40-140		
d-BHC	0.0046	Z-2	µg/l	0.0100	0.0200		23	40-140		
g-BHC (Lindane)	0.0113		µg/l	0.0100	0.0200		56	40-140		
4,4'-DDD (p,p')	0.0153		µg/l	0.0100	0.0200		76	40-140		
4,4'-DDE (p,p')	0.0127		µg/l	0.0100	0.0200		64	40-140		
4,4'-DDT (p,p')	0.0144		µg/l	0.0100	0.0200		72	40-140		
Dieldrin	0.0129		µg/l	0.0100	0.0200		64	40-140		
Endosulfan I	0.0130		µg/l	0.0100	0.0200		65	40-140		
Endosulfan II	0.0153		µg/l	0.0100	0.0200		76	40-140		
Endosulfan Sulfate	0.0115		µg/l	0.0100	0.0200		58	40-140		
Endrin	0.0138		µg/l	0.0100	0.0200		69	40-140		
Endrin Aldehyde	0.0148		µg/l	0.0100	0.0200		74	40-140		
Heptachlor	0.0131		µg/l	0.0100	0.0200		66	40-140		
Methoxychlor	0.0141		µg/l	0.0100	0.0200		70	40-140		
Heptachlor Epoxide	0.0132		µg/l	0.0100	0.0200		66	40-140		
a-Chlordane	0.0128		µg/l	0.0100	0.0200		64	40-140		
g-Chlordane	0.0144		µg/l	0.0100	0.0200		72	40-140		
Endrin Ketone	0.0150		µg/l	0.0100	0.0200		75	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0146*		µg/l		*0.0200*		*73*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0196*		µg/l		*0.0200*		*98*	*40-140*		
LCS Dup (7031497-BSD1)										
Prepared & Analyzed: 26-Mar-07										
Aldrin	0.0118		µg/l	0.0100	0.0200		59	40-140	2	20
a-BHC	0.0104		µg/l	0.0100	0.0200		52	40-140	2	20
b-BHC	0.0109		µg/l	0.0100	0.0200		54	40-140	0	20
d-BHC	0.0050	Z-2	µg/l	0.0100	0.0200		25	40-140	8	20
g-BHC (Lindane)	0.0111		µg/l	0.0100	0.0200		56	40-140	0	20
4,4'-DDD (p,p')	0.0136		µg/l	0.0100	0.0200		68	40-140	11	20
4,4'-DDE (p,p')	0.0125		µg/l	0.0100	0.0200		62	40-140	3	20
4,4'-DDT (p,p')	0.0139		µg/l	0.0100	0.0200		70	40-140	3	20
Dieldrin	0.0124		µg/l	0.0100	0.0200		62	40-140	3	20
Endosulfan I	0.0126		µg/l	0.0100	0.0200		63	40-140	3	20
Endosulfan II	0.0140		µg/l	0.0100	0.0200		70	40-140	8	20
Endosulfan Sulfate	0.0120		µg/l	0.0100	0.0200		60	40-140	3	20

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031497 - SW846 3510C										
LCS Dup (7031497-BSD1)										
Prepared & Analyzed: 26-Mar-07										
Endrin	0.0122		µg/l	0.0100	0.0200		61	40-140	12	20
Endrin Aldehyde	0.0152		µg/l	0.0100	0.0200		76	40-140	3	20
Heptachlor	0.0127		µg/l	0.0100	0.0200		64	40-140	3	20
Methoxychlor	0.0137		µg/l	0.0100	0.0200		68	40-140	3	20
Heptachlor Epoxide	0.0128		µg/l	0.0100	0.0200		64	40-140	3	20
a-Chlordane	0.0124		µg/l	0.0100	0.0200		62	40-140	3	20
g-Chlordane	0.0142		µg/l	0.0100	0.0200		71	40-140	1	20
Endrin Ketone	0.0149		µg/l	0.0100	0.0200		74	40-140	1	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0144*		µg/l		*0.0200*		*72*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0200*		µg/l		*0.0200*		*100*	*40-140*		
Batch 7031515 - SW846 3545A										
Blank (7031515-BLK1)										
Prepared & Analyzed: 26-Mar-07										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*32.9*		µg/kg wet		*28.6*		*115*	*30-150*		
LCS (7031515-BS1)										
Prepared & Analyzed: 26-Mar-07										
PCB 1016	401		µg/kg wet	28.6	357		112	40-140		
PCB 1260	453		µg/kg wet	28.6	357		127	40-140		
2,4,5,6-TC-M-Xylene (IS)	0.0200		µg/kg wet		10.0		74.6	50-200		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.4*		µg/kg wet		*28.6*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*35.7*		µg/kg wet		*28.6*		*125*	*30-150*		
LCS Dup (7031515-BSD1)										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
PCB 1016	476		µg/kg wet	28.6	357		133	40-140	17	30
PCB 1260	466		µg/kg wet	28.6	357		131	40-140	3	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.4*		µg/kg wet		*28.6*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*35.7*		µg/kg wet		*28.6*		*125*	*30-150*		
Duplicate (7031515-DUP1) **Source: SA59629-10**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
PCB 1016	BRL		µg/kg dry	31.6		BRL				40
PCB 1221	BRL		µg/kg dry	31.6		BRL				40
PCB 1232	BRL		µg/kg dry	31.6		BRL				40
PCB 1242	BRL		µg/kg dry	31.6		BRL				40
PCB 1248	BRL		µg/kg dry	31.6		BRL				40
PCB 1254	BRL		µg/kg dry	31.6		BRL				40
PCB 1260	BRL		µg/kg dry	31.6		BRL				40
PCB 1262	BRL		µg/kg dry	31.6		BRL				40
PCB 1268	BRL		µg/kg dry	31.6		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*31.6*		µg/kg dry		*31.6*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*36.3*		µg/kg dry		*31.6*		*115*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031515 - SW846 3545A										
Matrix Spike (7031515-MS1) **Source: SA59629-10**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
PCB 1016	426		µg/kg dry	31.6	394	BRL	108	40-140		
PCB 1260	511		µg/kg dry	31.6	394	BRL	130	40-140		
2,4,5,6-TC-M-Xylene (IS)	0.0200		µg/kg dry		10.0		76.5	50-200		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.7*		µg/kg dry		*31.6*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*45.8*		µg/kg dry		*31.6*		*145*	*30-150*		
Matrix Spike Dup (7031515-MSD1) **Source: SA59629-10**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
PCB 1016	370		µg/kg dry	32.2	402	BRL	92	40-140	16	50
PCB 1260	382		µg/kg dry	32.2	402	BRL	95	40-140	31	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*24.1*		µg/kg dry		*32.2*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.6*		µg/kg dry		*32.2*		*95*	*30-150*		
Batch 7031516 - SW846 3545A										
Blank (7031516-BLK1)										
Prepared: 26-Mar-07 Analyzed: 28-Mar-07										
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)	*6.24*		µg/kg wet		*10.0*		*62*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*11.2*		µg/kg wet		*10.0*		*112*	*30-150*		
LCS (7031516-BS1)										
Prepared: 26-Mar-07 Analyzed: 28-Mar-07										
Aldrin	10.2		µg/kg wet	5.00	10.0		102	40-140		
a-BHC	9.38		µg/kg wet	5.00	10.0		94	40-140		
b-BHC	10.9		µg/kg wet	5.00	10.0		109	40-140		
d-BHC	4.70		µg/kg wet	5.00	10.0		47	40-140		
g-BHC (Lindane)	9.61		µg/kg wet	5.00	10.0		96	40-140		
4,4'-DDD (p,p')	9.81		µg/kg wet	5.00	10.0		98	40-140		
4,4'-DDE (p,p')	10.5		µg/kg wet	5.00	10.0		105	40-140		
4,4'-DDT (p,p')	11.3		µg/kg wet	5.00	10.0		113	40-140		
Dieldrin	10.9		µg/kg wet	5.00	10.0		109	40-140		
Endosulfan I	11.0		µg/kg wet	5.00	10.0		110	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 7031516 - SW846 3545A										
LCS (7031516-BS1)										
Prepared: 26-Mar-07 Analyzed: 28-Mar-07										
Endosulfan II	11.2		µg/kg wet	5.00	10.0		112	40-140		
Endosulfan Sulfate	10.0		µg/kg wet	5.00	10.0		100	40-140		
Endrin	9.71		µg/kg wet	5.00	10.0		97	40-140		
Endrin Aldehyde	10.7		µg/kg wet	5.00	10.0		107	40-140		
Heptachlor	10.6		µg/kg wet	5.00	10.0		106	40-140		
Methoxychlor	10.1		µg/kg wet	5.00	10.0		101	40-140		
Heptachlor Epoxide	10.6		µg/kg wet	5.00	10.0		106	40-140		
a-Chlordane	10.5		µg/kg wet	5.00	10.0		105	40-140		
g-Chlordane	13.2		µg/kg wet	5.00	10.0		132	40-140		
Endrin Ketone	11.7		µg/kg wet	5.00	10.0		117	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*6.20*		µg/kg wet		*10.0*		*62*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*9.27*		µg/kg wet		*10.0*		*93*	*40-140*		
LCS Dup (7031516-BSD1)										
Prepared: 26-Mar-07 Analyzed: 28-Mar-07										
Aldrin	10.3		µg/kg wet	5.00	10.0		103	40-140	1	30
a-BHC	9.31		µg/kg wet	5.00	10.0		93	40-140	1	30
b-BHC	11.0		µg/kg wet	5.00	10.0		110	40-140	0.9	30
d-BHC	4.69		µg/kg wet	5.00	10.0		47	40-140	0	30
g-BHC (Lindane)	10.2		µg/kg wet	5.00	10.0		102	40-140	6	30
4,4'-DDD (p,p')	10.7		µg/kg wet	5.00	10.0		107	40-140	9	30
4,4'-DDE (p,p')	11.2		µg/kg wet	5.00	10.0		112	40-140	6	30
4,4'-DDT (p,p')	10.9		µg/kg wet	5.00	10.0		109	40-140	4	30
Dieldrin	11.0		µg/kg wet	5.00	10.0		110	40-140	0.9	30
Endosulfan I	11.0		µg/kg wet	5.00	10.0		110	40-140	0	30
Endosulfan II	11.2		µg/kg wet	5.00	10.0		112	40-140	0	30
Endosulfan Sulfate	9.49		µg/kg wet	5.00	10.0		95	40-140	5	30
Endrin	9.63		µg/kg wet	5.00	10.0		96	40-140	1	30
Endrin Aldehyde	10.9		µg/kg wet	5.00	10.0		109	40-140	2	30
Heptachlor	11.0		µg/kg wet	5.00	10.0		110	40-140	4	30
Methoxychlor	10.7		µg/kg wet	5.00	10.0		107	40-140	6	30
Heptachlor Epoxide	10.7		µg/kg wet	5.00	10.0		107	40-140	0.9	30
a-Chlordane	10.5		µg/kg wet	5.00	10.0		105	40-140	0	30
g-Chlordane	13.5		µg/kg wet	5.00	10.0		135	40-140	2	30
Endrin Ketone	11.8		µg/kg wet	5.00	10.0		118	40-140	0.9	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*6.18*		µg/kg wet		*10.0*		*62*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*9.45*		µg/kg wet		*10.0*		*94*	*40-140*		
Duplicate (7031516-DUP1) **Source: SA59638-01**										
Prepared: 26-Mar-07 Analyzed: 28-Mar-07										
Aldrin	BRL		µg/kg dry	9.83		BRL				30
a-BHC	BRL		µg/kg dry	9.83		BRL				30
b-BHC	BRL		µg/kg dry	9.83		BRL				30
d-BHC	BRL		µg/kg dry	9.83		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	9.83		BRL				30
Chlordane	BRL		µg/kg dry	49.1		BRL				30
4,4'-DDD (p,p')	BRL		µg/kg dry	9.83		BRL				30
4,4'-DDE (p,p')	BRL		µg/kg dry	9.83		BRL				30
4,4'-DDT (p,p')	BRL		µg/kg dry	9.83		BRL				30
Dieldrin	BRL		µg/kg dry	9.83		BRL				30
Endosulfan I	BRL		µg/kg dry	9.83		BRL				30
Endosulfan II	BRL		µg/kg dry	9.83		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	9.83		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031516 - SW846 3545A										
Duplicate (7031516-DUP1) **Source: SA59638-01**										
Prepared: 26-Mar-07 Analyzed: 28-Mar-07										
Endrin	BRL		µg/kg dry	9.83		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	9.83		BRL				30
Heptachlor	BRL		µg/kg dry	9.83		BRL				30
Methoxychlor	BRL		µg/kg dry	9.83		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	9.83		BRL				30
Toxaphene	BRL		µg/kg dry	49.1		BRL				30
a-Chlordane	BRL		µg/kg dry	9.83		BRL				30
g-Chlordane	BRL		µg/kg dry	9.83		BRL				30
Endrin Ketone	BRL		µg/kg dry	9.83		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.7*		µg/kg dry		*19.6*		*55*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.0*		µg/kg dry		*19.6*		*97*	*30-150*		
Matrix Spike (7031516-MS1) **Source: SA59638-01**										
Prepared: 26-Mar-07 Analyzed: 28-Mar-07										
Aldrin	18.2		µg/kg dry	9.87	19.7	BRL	92	30-150		
a-BHC	16.4		µg/kg dry	9.87	19.7	BRL	83	30-150		
b-BHC	19.4		µg/kg dry	9.87	19.7	BRL	98	30-150		
d-BHC	8.62		µg/kg dry	9.87	19.7	BRL	44	30-150		
g-BHC (Lindane)	17.2		µg/kg dry	9.87	19.7	BRL	87	30-150		
4,4'-DDD (p,p')	22.4		µg/kg dry	9.87	19.7	BRL	114	30-150		
4,4'-DDE (p,p')	21.1		µg/kg dry	9.87	19.7	BRL	107	30-150		
4,4'-DDT (p,p')	23.4		µg/kg dry	9.87	19.7	BRL	119	30-150		
Dieldrin	21.1		µg/kg dry	9.87	19.7	BRL	107	30-150		
Endosulfan I	20.6		µg/kg dry	9.87	19.7	BRL	105	30-150		
Endosulfan II	22.8		µg/kg dry	9.87	19.7	BRL	116	30-150		
Endosulfan Sulfate	17.4		µg/kg dry	9.87	19.7	BRL	88	30-150		
Endrin	18.2		µg/kg dry	9.87	19.7	BRL	92	30-150		
Endrin Aldehyde	20.5		µg/kg dry	9.87	19.7	BRL	104	30-150		
Heptachlor	19.6		µg/kg dry	9.87	19.7	BRL	99	30-150		
Methoxychlor	18.0		µg/kg dry	9.87	19.7	BRL	91	30-150		
Heptachlor Epoxide	19.9		µg/kg dry	9.87	19.7	BRL	101	30-150		
a-Chlordane	20.3		µg/kg dry	9.87	19.7	BRL	103	30-150		
g-Chlordane	22.8		µg/kg dry	9.87	19.7	BRL	116	30-150		
Endrin Ketone	20.5		µg/kg dry	9.87	19.7	BRL	104	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.4*		µg/kg dry		*19.7*		*58*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.2*		µg/kg dry		*19.7*		*103*	*30-150*		
Matrix Spike Dup (7031516-MSD1) **Source: SA59638-01**										
Prepared: 26-Mar-07 Analyzed: 28-Mar-07										
Aldrin	22.0		µg/kg dry	10.1	20.2	BRL	109	30-150	17	30
a-BHC	18.1		µg/kg dry	10.1	20.2	BRL	90	30-150	8	30
b-BHC	24.1		µg/kg dry	10.1	20.2	BRL	119	30-150	19	30
d-BHC	9.64		µg/kg dry	10.1	20.2	BRL	48	30-150	9	30
g-BHC (Lindane)	19.7		µg/kg dry	10.1	20.2	BRL	98	30-150	12	30
4,4'-DDD (p,p')	24.4		µg/kg dry	10.1	20.2	BRL	121	30-150	6	30
4,4'-DDE (p,p')	24.0		µg/kg dry	10.1	20.2	BRL	119	30-150	11	30
4,4'-DDT (p,p')	27.7		µg/kg dry	10.1	20.2	BRL	137	30-150	14	30
Dieldrin	22.5		µg/kg dry	10.1	20.2	BRL	111	30-150	4	30
Endosulfan I	23.9		µg/kg dry	10.1	20.2	BRL	118	30-150	12	30
Endosulfan II	25.2		µg/kg dry	10.1	20.2	BRL	125	30-150	7	30
Endosulfan Sulfate	17.0		µg/kg dry	10.1	20.2	BRL	84	30-150	5	30
Endrin	18.8		µg/kg dry	10.1	20.2	BRL	93	30-150	1	30
Endrin Aldehyde	20.1		µg/kg dry	10.1	20.2	BRL	100	30-150	4	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 7031516 - SW846 3545A										
Matrix Spike Dup (7031516-MSD1) **Source: SA59638-01**										
Prepared: 26-Mar-07 Analyzed: 28-Mar-07										
Heptachlor	22.8		µg/kg dry	10.1	20.2	BRL	113	30-150	13	30
Methoxychlor	17.8		µg/kg dry	10.1	20.2	BRL	88	30-150	3	30
Heptachlor Epoxide	23.0		µg/kg dry	10.1	20.2	BRL	114	30-150	12	30
a-Chlordane	22.4		µg/kg dry	10.1	20.2	BRL	111	30-150	7	50
g-Chlordane	22.6		µg/kg dry	10.1	20.2	BRL	112	30-150	4	50
Endrin Ketone	21.4		µg/kg dry	10.1	20.2	BRL	106	30-150	2	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.3*		µg/kg dry		*20.2*		*61*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.1*		µg/kg dry		*20.2*		*104*	*30-150*		
Batch 7031591 - SW846 3545A										
Blank (7031591-BLK1)										
Prepared & Analyzed: 27-Mar-07										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.0*		µg/kg wet		*28.6*		*105*	*30-150*		
LCS (7031591-BS1)										
Prepared & Analyzed: 27-Mar-07										
PCB 1016	396		µg/kg wet	28.6	357		111	40-140		
PCB 1260	427		µg/kg wet	28.6	357		120	40-140		
2,4,5,6-TC-M-Xylene (IS)	0.0200		µg/kg wet		10.0		102	50-200		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.0*		µg/kg wet		*28.6*		*105*	*30-150*		
LCS Dup (7031591-BSD1)										
Prepared & Analyzed: 27-Mar-07										
PCB 1016	394		µg/kg wet	28.6	357		110	40-140	0.9	30
PCB 1260	426		µg/kg wet	28.6	357		119	40-140	0.8	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.0*		µg/kg wet		*28.6*		*105*	*30-150*		
Duplicate (7031591-DUP1) **Source: SA59641-16**										
Prepared & Analyzed: 27-Mar-07										
PCB 1016	BRL		µg/kg dry	33.1		BRL				40
PCB 1221	BRL		µg/kg dry	33.1		BRL				40
PCB 1232	BRL		µg/kg dry	33.1		BRL				40
PCB 1242	BRL		µg/kg dry	33.1		BRL				40
PCB 1248	BRL		µg/kg dry	33.1		BRL				40
PCB 1254	BRL		µg/kg dry	33.1		BRL				40
PCB 1260	BRL		µg/kg dry	33.1		BRL				40
PCB 1262	BRL		µg/kg dry	33.1		BRL				40
PCB 1268	BRL		µg/kg dry	33.1		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.9*		µg/kg dry		*33.1*		*45*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.5*		µg/kg dry		*33.1*		*65*	*30-150*		
Matrix Spike (7031591-MS1) **Source: SA59641-16**										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031591 - SW846 3545A										
Prepared & Analyzed: 27-Mar-07										
PCB 1016	449		µg/kg dry	32.7	408	BRL	110	40-140		
PCB 1260	490		µg/kg dry	32.7	408	BRL	120	40-140		
2,4,5,6-TC-M-Xylene (IS)	0.0200		µg/kg dry		10.0		91.9	50-200		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*24.5*		µg/kg dry		*32.6*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*40.8*		µg/kg dry		*32.6*		*125*	*30-150*		
Matrix Spike Dup (7031591-MSD1) Source: SA59641-16										
Prepared & Analyzed: 27-Mar-07										
PCB 1016	451		µg/kg dry	32.6	407	BRL	111	40-140	0.9	50
PCB 1260	490		µg/kg dry	32.6	407	BRL	120	40-140	0	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.8*		µg/kg dry		*32.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*37.5*		µg/kg dry		*32.6*		*115*	*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 7031499 - SW846 3510C										
Blank (7031499-BLK1)										
Prepared & Analyzed: 26-Mar-07										
Acenaphthene	BRL		µg/l	1.00						
Acenaphthene	BRL		µg/l	0.200						
Acenaphthylene	BRL		µg/l	0.200						
Acenaphthylene	BRL		µg/l	0.400						
Aniline	BRL		µg/l	1.00						
1-Methylnaphthalene	BRL		µg/l	1.00						
Anthracene	BRL		µg/l	0.200						
Anthracene	BRL		µg/l	1.00						
Atrazine	BRL		µg/l	1.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	1.00						
Benzidine	BRL		µg/l	1.00						
Benzo (a) anthracene	BRL		µg/l	0.200						
Benzo (a) anthracene	BRL		µg/l	0.200						
Benzo (a) pyrene	BRL		µg/l	0.200						
Benzo (a) pyrene	BRL		µg/l	0.200						
Benzo (b) fluoranthene	BRL		µg/l	0.200						
Benzo (b) fluoranthene	BRL		µg/l	0.200						
Benzo (g,h,i) perylene	BRL		µg/l	1.00						
Benzo (g,h,i) perylene	BRL		µg/l	0.200						
Benzo (k) fluoranthene	BRL		µg/l	0.200						
Benzo (k) fluoranthene	BRL		µg/l	0.300						
Benzoic acid	BRL		µg/l	1.00						
Benzyl alcohol	BRL		µg/l	1.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	1.00						
Bis(2-chloroethyl)ether	BRL		µg/l	1.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	1.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	1.00						
4-Bromophenyl phenyl ether	BRL		µg/l	1.00						
Butyl benzyl phthalate	BRL		µg/l	1.00						
Carbazole	BRL		µg/l	1.00						
4-Chloro-3-methylphenol	BRL		µg/l	1.00						
4-Chloroaniline	BRL		µg/l	1.00						
2-Chloronaphthalene	BRL		µg/l	1.00						
2-Chlorophenol	BRL		µg/l	1.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	1.00						
Chrysene	BRL		µg/l	1.00						
Chrysene	BRL		µg/l	0.200						
Dibenzo (a,h) anthracene	BRL		µg/l	0.200						
Dibenzo (a,h) anthracene	BRL		µg/l	0.200						
Dibenzofuran	BRL		µg/l	1.00						
1,2-Dichlorobenzene	BRL		µg/l	1.00						
1,3-Dichlorobenzene	BRL		µg/l	1.00						
1,4-Dichlorobenzene	BRL		µg/l	1.00						
3,3'-Dichlorobenzidine	BRL		µg/l	1.00						
2,4-Dichlorophenol	BRL		µg/l	1.00						
Diethyl phthalate	BRL		µg/l	1.00						
Dimethyl phthalate	BRL		µg/l	1.00						
2,4-Dimethylphenol	BRL		µg/l	1.00						
Di-n-butyl phthalate	BRL		µg/l	1.00						
4,6-Dinitro-2-methylphenol	BRL		µg/l	1.00						
2,4-Dinitrophenol	BRL		µg/l	1.00						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031499 - SW846 3510C										
Blank (7031499-BLK1)										
Prepared & Analyzed: 26-Mar-07										
2,4-Dinitrotoluene	BRL		µg/l	1.00						
2,6-Dinitrotoluene	BRL		µg/l	1.00						
Di-n-octyl phthalate	BRL		µg/l	1.00						
Fluoranthene	BRL		µg/l	0.200						
Fluoranthene	BRL		µg/l	1.00						
Fluorene	BRL		µg/l	0.200						
Fluorene	BRL		µg/l	1.00						
Hexachlorobenzene	BRL		µg/l	1.00						
Hexachlorobutadiene	BRL		µg/l	0.600						
Hexachlorocyclopentadiene	BRL		µg/l	1.00						
Hexachloroethane	BRL		µg/l	1.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.200						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.200						
Isophorone	BRL		µg/l	1.00						
2-Methylnaphthalene	BRL		µg/l	1.00						
2-Methylphenol	BRL		µg/l	1.00						
3,4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	1.00						
2-Nitroaniline	BRL		µg/l	1.00						
3-Nitroaniline	BRL		µg/l	1.00						
4-Nitroaniline	BRL		µg/l	1.00						
Nitrobenzene	BRL		µg/l	1.00						
2-Nitrophenol	BRL		µg/l	1.00						
4-Nitrophenol	BRL		µg/l	1.00						
N-Nitrosodimethylamine	BRL		µg/l	1.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	1.00						
N-Nitrosodiphenylamine	BRL		µg/l	1.00						
Pentachlorophenol	BRL		µg/l	1.00						
Phenanthrene	BRL		µg/l	1.00						
Phenanthrene	BRL		µg/l	0.200						
Phenol	BRL		µg/l	1.00						
Pyrene	BRL		µg/l	0.200						
Pyrene	BRL		µg/l	1.00						
Pyridine	BRL		µg/l	1.00						
Hexachlorobenzene	BRL		µg/l	1.00						
1,2,4-Trichlorobenzene	BRL		µg/l	1.00						
2,4,5-Trichlorophenol	BRL		µg/l	1.00						
Pentachlorophenol	BRL		µg/l	1.00						
2,4,6-Trichlorophenol	BRL		µg/l	1.00						
Hexachlorobutadiene	BRL		µg/l	0.200						
Surrogate: 2-Fluorobiphenyl	*87.7*		µg/l		*100*		*88*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*87.7*		µg/l		*100*		*88*	*30-130*		
Surrogate: 2-Fluorophenol	*93.5*		µg/l		*100*		*94*	*15-110*		
Surrogate: Nitrobenzene-d5	*106*		µg/l		*100*		*106*	*30-130*		
Surrogate: Phenol-d5	*88.4*		µg/l		*100*		*88*	*15-110*		
Surrogate: Terphenyl-dl4	*108*		µg/l		*100*		*108*	*30-130*		
Surrogate: Terphenyl-dl4	*108*		µg/l		*100*		*108*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*69.8*		µg/l		*100*		*70*	*15-110*		
LCS (7031499-BS1)										
Prepared & Analyzed: 26-Mar-07										
Acenaphthene	81.2		µg/l	1.00	100		81	40-140		
Acenaphthene	81.2		µg/l	0.200	100		81	40-140		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031499 - SW846 3510C										
LCS (7031499-BS1)										
Prepared & Analyzed: 26-Mar-07										
Acenaphthylene	90.0		µg/l	0.200	100		90	40-140		
Acenaphthylene	90.0		µg/l	0.400	100		90	40-140		
1-Methylnaphthalene	80.2		µg/l	1.00	100		80	40-140		
Aniline	116		µg/l	1.00	100		116	40-140		
Anthracene	94.2		µg/l	1.00	100		94	40-140		
Anthracene	94.2		µg/l	0.200	100		94	40-140		
Atrazine	179		µg/l	1.00	100		179	0-200		
Azobenzene/Diphenyldiazine	105		µg/l	1.00	100		105	40-140		
Benzidine	197	QC2	µg/l	1.00	100		197	40-140		
Benzo (a) anthracene	80.6		µg/l	0.200	100		81	40-140		
Benzo (a) anthracene	80.6		µg/l	0.200	100		81	40-140		
Benzo (a) pyrene	90.0		µg/l	0.200	100		90	40-140		
Benzo (a) pyrene	90.0		µg/l	0.200	100		90	40-140		
Benzo (b) fluoranthene	81.2		µg/l	0.200	100		81	40-140		
Benzo (b) fluoranthene	81.2		µg/l	0.200	100		81	40-140		
Benzo (g,h,i) perylene	62.8		µg/l	1.00	100		63	40-140		
Benzo (g,h,i) perylene	62.8		µg/l	0.200	100		63	40-140		
Benzo (k) fluoranthene	98.6		µg/l	0.300	100		99	40-140		
Benzo (k) fluoranthene	98.6		µg/l	0.200	100		99	40-140		
Benzoic acid	82.4		µg/l	1.00	100		82	30-130		
Benzyl alcohol	79.1		µg/l	1.00	100		79	40-140		
Bis(2-chloroethoxy)methane	89.0		µg/l	1.00	100		89	40-140		
Bis(2-chloroethyl)ether	95.1		µg/l	1.00	100		95	40-140		
Bis(2-chloroisopropyl)ether	55.9		µg/l	1.00	100		56	40-140		
Bis(2-ethylhexyl)phthalate	102		µg/l	1.00	100		102	40-140		
4-Bromophenyl phenyl ether	79.0		µg/l	1.00	100		79	40-140		
Butyl benzyl phthalate	98.4		µg/l	1.00	100		98	40-140		
Carbazole	119		µg/l	1.00	100		119	40-140		
4-Chloro-3-methylphenol	84.3		µg/l	1.00	100		84	30-130		
4-Chloroaniline	77.7		µg/l	1.00	100		78	40-140		
2-Chloronaphthalene	81.7		µg/l	1.00	100		82	40-140		
2-Chlorophenol	69.6		µg/l	1.00	100		70	30-130		
4-Chlorophenyl phenyl ether	83.7		µg/l	1.00	100		84	40-140		
Chrysene	86.1		µg/l	1.00	100		86	40-140		
Chrysene	86.1		µg/l	0.200	100		86	40-140		
Dibenzo (a,h) anthracene	69.0		µg/l	0.200	100		69	40-140		
Dibenzo (a,h) anthracene	69.0		µg/l	0.200	100		69	40-140		
Dibenzofuran	84.0		µg/l	1.00	100		84	40-140		
1,2-Dichlorobenzene	74.8		µg/l	1.00	100		75	40-140		
1,3-Dichlorobenzene	64.8		µg/l	1.00	100		65	40-140		
1,4-Dichlorobenzene	77.1		µg/l	1.00	100		77	40-140		
3,3'-Dichlorobenzidine	85.1		µg/l	1.00	100		85	40-140		
2,4-Dichlorophenol	76.9		µg/l	1.00	100		77	30-130		
Diethyl phthalate	86.0		µg/l	1.00	100		86	40-140		
Dimethyl phthalate	82.0		µg/l	1.00	100		82	40-140		
2,4-Dimethylphenol	74.7		µg/l	1.00	100		75	30-130		
Di-n-butyl phthalate	88.2		µg/l	1.00	100		88	40-140		
4,6-Dinitro-2-methylphenol	75.5		µg/l	1.00	100		76	30-130		
2,4-Dinitrophenol	82.4		µg/l	1.00	100		82	30-130		
2,4-Dinitrotoluene	86.2		µg/l	1.00	100		86	40-140		
2,6-Dinitrotoluene	90.5		µg/l	1.00	100		90	40-140		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031499 - SW846 3510C										
LCS (7031499-BS1)										
Prepared & Analyzed: 26-Mar-07										
Di-n-octyl phthalate	131		µg/l	1.00	100		131	40-140		
Fluoranthene	78.8		µg/l	1.00	100		79	40-140		
Fluoranthene	78.8		µg/l	0.200	100		79	40-140		
Fluorene	85.5		µg/l	1.00	100		86	40-140		
Fluorene	85.5		µg/l	0.200	100		86	40-140		
Hexachlorobenzene	76.6		µg/l	1.00	100		77	40-140		
Hexachlorobutadiene	78.4		µg/l	0.600	100		78	40-140		
Hexachlorocyclopentadiene	60.4		µg/l	1.00	100		60	40-140		
Hexachloroethane	73.9		µg/l	1.00	100		74	40-140		
Indeno (1,2,3-cd) pyrene	64.2		µg/l	0.200	100		64	40-140		
Indeno (1,2,3-cd) pyrene	64.2		µg/l	0.200	100		64	40-140		
Isophorone	93.4		µg/l	1.00	100		93	40-140		
2-Methylnaphthalene	85.5		µg/l	1.00	100		86	40-140		
2-Methylphenol	71.0		µg/l	1.00	100		71	40-140		
3,4-Methylphenol	86.5		µg/l	10.0	100		86	40-130		
Naphthalene	85.6		µg/l	1.00	100		86	40-140		
2-Nitroaniline	83.7		µg/l	1.00	100		84	40-140		
3-Nitroaniline	88.9		µg/l	1.00	100		89	40-140		
4-Nitroaniline	114		µg/l	1.00	100		114	40-140		
Nitrobenzene	96.7		µg/l	1.00	100		97	40-140		
2-Nitrophenol	78.4		µg/l	1.00	100		78	30-130		
4-Nitrophenol	59.2		µg/l	1.00	100		59	30-130		
N-Nitrosodimethylamine	79.0		µg/l	1.00	100		79	40-140		
N-Nitrosodi-n-propylamine	67.0		µg/l	1.00	100		67	40-140		
N-Nitrosodiphenylamine	97.2		µg/l	1.00	100		97	40-140		
Pentachlorophenol	68.5		µg/l	1.00	100		68	30-130		
Phenanthrene	77.5		µg/l	1.00	100		78	40-140		
Phenanthrene	77.5		µg/l	0.200	100		78	40-140		
Phenol	79.0		µg/l	1.00	100		79	30-130		
Pyrene	88.2		µg/l	1.00	100		88	40-140		
Pyrene	88.2		µg/l	0.200	100		88	40-140		
Pyridine	78.5		µg/l	1.00	100		78	40-140		
Hexachlorobenzene	76.6		µg/l	1.00	100		77	40-140		
1,2,4-Trichlorobenzene	80.9		µg/l	1.00	100		81	40-140		
Pentachlorophenol	68.5		µg/l	1.00	100		68	30-130		
2,4,5-Trichlorophenol	75.0		µg/l	1.00	100		75	30-130		
2,4,6-Trichlorophenol	62.8		µg/l	1.00	100		63	30-130		
Hexachlorobutadiene	78.4		µg/l	0.200	100		78	40-140		
Surrogate: 2-Fluorobiphenyl	*83.2*		µg/l		*100*		*83*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*83.2*		µg/l		*100*		*83*	*30-130*		
Surrogate: 2-Fluorophenol	*67.1*		µg/l		*100*		*67*	*15-110*		
Surrogate: Nitrobenzene-d5	*100*		µg/l		*100*		*100*	*30-130*		
Surrogate: Phenol-d5	*67.8*		µg/l		*100*		*68*	*15-110*		
Surrogate: Terphenyl-dl4	*89.8*		µg/l		*100*		*90*	*30-130*		
Surrogate: Terphenyl-dl4	*89.8*		µg/l		*100*		*90*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*73.6*		µg/l		*100*		*74*	*15-110*		
Matrix Spike (7031499-MS1)	**Source: SA59669-11**									
Prepared & Analyzed: 26-Mar-07										
Acenaphthene	73.1		µg/l	0.200	100	BRL	73	40-140		
Acenaphthene	73.1		µg/l	1.00	100	BRL	73	40-140		
4-Chloro-3-methylphenol	143	QM7	µg/l	1.00	100	BRL	143	30-130		
2-Chlorophenol	123		µg/l	1.00	100	BRL	123	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 7031499 - SW846 3510C										
Matrix Spike (7031499-MS1) **Source: SA59669-11**										
Prepared & Analyzed: 26-Mar-07										
1,4-Dichlorobenzene	62.4		µg/l	1.00	100	BRL	62	40-140		
2,4-Dinitrotoluene	74.2		µg/l	1.00	100	BRL	74	40-140		
4-Nitrophenol	84.4		µg/l	1.00	100	BRL	84	30-130		
N-Nitrosodi-n-propylamine	85.8		µg/l	1.00	100	BRL	86	40-140		
Pentachlorophenol	114		µg/l	1.00	100	BRL	114	30-130		
Phenol	127		µg/l	1.00	100	BRL	127	30-130		
Pyrene	90.1		µg/l	0.200	100	BRL	90	40-140		
Pyrene	90.1		µg/l	1.00	100	BRL	90	40-140		
1,2,4-Trichlorobenzene	58.3		µg/l	1.00	100	BRL	58	40-140		
Pentachlorophenol	114		µg/l	1.00	100	BRL	114	30-130		
Surrogate: 2-Fluorobiphenyl	*74.5*		µg/l		*100*		*74*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*74.5*		µg/l		*100*		*74*	*30-130*		
Surrogate: 2-Fluorophenol	*61.1*		µg/l		*100*		*61*	*15-110*		
Surrogate: Nitrobenzene-d5	*83.4*		µg/l		*100*		*83*	*30-130*		
Surrogate: Phenol-d5	*61.3*		µg/l		*100*		*61*	*15-110*		
Surrogate: Terphenyl-dl4	*100*		µg/l		*100*		*100*	*30-130*		
Surrogate: Terphenyl-dl4	*100*		µg/l		*100*		*100*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*64.0*		µg/l		*100*		*64*	*15-110*		
Matrix Spike Dup (7031499-MSD1) **Source: SA59669-11**										
Prepared & Analyzed: 26-Mar-07										
Acenaphthene	74.8		µg/l	1.00	100	BRL	75	40-140	3	20
Acenaphthene	74.8		µg/l	0.200	100	BRL	75	40-140	3	20
4-Chloro-3-methylphenol	146	QM7	µg/l	1.00	100	BRL	146	30-130	2	20
2-Chlorophenol	129		µg/l	1.00	100	BRL	129	30-130	5	20
1,4-Dichlorobenzene	64.8		µg/l	1.00	100	BRL	65	40-140	5	20
2,4-Dinitrotoluene	77.5		µg/l	1.00	100	BRL	78	40-140	5	20
4-Nitrophenol	86.7		µg/l	1.00	100	BRL	87	30-130	4	20
N-Nitrosodi-n-propylamine	88.4		µg/l	1.00	100	BRL	88	40-140	2	20
Pentachlorophenol	112		µg/l	1.00	100	BRL	112	30-130	2	20
Phenol	133	QM7	µg/l	1.00	100	BRL	133	30-130	5	20
Pyrene	93.1		µg/l	1.00	100	BRL	93	40-140	3	20
Pyrene	93.1		µg/l	0.200	100	BRL	93	40-140	3	20
1,2,4-Trichlorobenzene	57.4		µg/l	1.00	100	BRL	57	40-140	2	20
Pentachlorophenol	112		µg/l	1.00	100	BRL	112	30-130	2	20
Surrogate: 2-Fluorobiphenyl	*74.0*		µg/l		*100*		*74*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*74.0*		µg/l		*100*		*74*	*30-130*		
Surrogate: 2-Fluorophenol	*61.0*		µg/l		*100*		*61*	*15-110*		
Surrogate: Nitrobenzene-d5	*79.7*		µg/l		*100*		*80*	*30-130*		
Surrogate: Phenol-d5	*61.7*		µg/l		*100*		*62*	*15-110*		
Surrogate: Terphenyl-dl4	*98.0*		µg/l		*100*		*98*	*30-130*		
Surrogate: Terphenyl-dl4	*98.0*		µg/l		*100*		*98*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*63.6*		µg/l		*100*		*64*	*15-110*		
Batch 7031514 - SW846 3550B										
Blank (7031514-BLK1)										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031514 - SW846 3550B										
Blank (7031514-BLK1)										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Benzo (a) anthracene	BRL		µg/kg wet	330						
Benzo (a) pyrene	BRL		µg/kg wet	330						
Benzo (b) fluoranthene	BRL		µg/kg wet	330						
Benzo (g,h,i) perylene	BRL		µg/kg wet	330						
Benzo (k) fluoranthene	BRL		µg/kg wet	330						
Benzoic acid	BRL		µg/kg wet	330						
Benzyl alcohol	BRL		µg/kg wet	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	330						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	330						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	330						
Butyl benzyl phthalate	BRL		µg/kg wet	330						
Carbazole	BRL		µg/kg wet	330						
4-Chloro-3-methylphenol	BRL		µg/kg wet	330						
4-Chloroaniline	BRL		µg/kg wet	330						
2-Chloronaphthalene	BRL		µg/kg wet	330						
2-Chlorophenol	BRL		µg/kg wet	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	330						
Chrysene	BRL		µg/kg wet	330						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	330						
Dibenzofuran	BRL		µg/kg wet	330						
1,2-Dichlorobenzene	BRL		µg/kg wet	330						
1,3-Dichlorobenzene	BRL		µg/kg wet	330						
1,4-Dichlorobenzene	BRL		µg/kg wet	330						
3,3´-Dichlorobenzidine	BRL		µg/kg wet	330						
2,4-Dichlorophenol	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,4-Dimethylphenol	BRL		µg/kg wet	330						
Di-n-butyl phthalate	BRL		µg/kg wet	330						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	330						
2,4-Dinitrophenol	BRL		µg/kg wet	330						
2,4-Dinitrotoluene	BRL		µg/kg wet	330						
2,6-Dinitrotoluene	BRL		µg/kg wet	330						
Di-n-octyl phthalate	BRL		µg/kg wet	330						
Fluoranthene	BRL		µg/kg wet	330						
Fluorene	BRL		µg/kg wet	330						
Hexachlorobenzene	BRL		µg/kg wet	330						
Hexachlorobutadiene	BRL		µg/kg wet	330						
Hexachlorocyclopentadiene	BRL		µg/kg wet	330						
Hexachloroethane	BRL		µg/kg wet	330						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
1-Methylnaphthalene	BRL		µg/kg wet	330						
Isophorone	BRL		µg/kg wet	330						
2-Methylnaphthalene	BRL		µg/kg wet	330						
2-Methylphenol	BRL		µg/kg wet	330						
3,4-Methylphenol	BRL		µg/kg wet	330						
Naphthalene	BRL		µg/kg wet	330						
2-Nitroaniline	BRL		µg/kg wet	330						
3-Nitroaniline	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 7031514 - SW846 3550B										
Blank (7031514-BLK1)										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
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	*6030*		µg/kg wet		*6670*		*90*	*30-130*		
Surrogate: 2-Fluorophenol	*5930*		µg/kg wet		*6670*		*89*	*15-110*		
Surrogate: Nitrobenzene-d5	*6660*		µg/kg wet		*6670*		*100*	*30-130*		
Surrogate: Phenol-d5	*6220*		µg/kg wet		*6670*		*93*	*15-110*		
Surrogate: Terphenyl-dl4	*6740*		µg/kg wet		*6670*		*101*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4220*		µg/kg wet		*6670*		*63*	*15-110*		
LCS (7031514-BS1)										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Acenaphthene	5770		µg/kg wet	330	6670		87	40-130		
Acenaphthylene	6380		µg/kg wet	330	6670		96	40-130		
Aniline	7880		µg/kg wet	330	6670		118	40-130		
Anthracene	6420		µg/kg wet	330	6670		96	40-130		
Atrazine	9890	QC2	µg/kg wet	330	6670		148	40-130		
Azobenzene/Diphenyldiazine	7260		µg/kg wet	330	6670		109	40-130		
Benzidine	BRL		µg/kg wet	330	6670			0-130		
Benzo (a) anthracene	5430		µg/kg wet	330	6670		81	40-130		
Benzo (a) pyrene	6090		µg/kg wet	330	6670		91	40-130		
Benzo (b) fluoranthene	5140		µg/kg wet	330	6670		77	40-130		
Benzo (g,h,i) perylene	5180		µg/kg wet	330	6670		78	40-130		
Benzo (k) fluoranthene	6810		µg/kg wet	330	6670		102	40-130		
Benzoic acid	5060		µg/kg wet	330	6670		76	0-130		
Benzyl alcohol	5030		µg/kg wet	330	6670		75	40-130		
Bis(2-chloroethoxy)methane	6190		µg/kg wet	330	6670		93	40-130		
Bis(2-chloroethyl)ether	6360		µg/kg wet	330	6670		95	40-130		
Bis(2-chloroisopropyl)ether	3540		µg/kg wet	330	6670		53	40-130		
Bis(2-ethylhexyl)phthalate	6160		µg/kg wet	330	6670		92	40-130		
4-Bromophenyl phenyl ether	5160		µg/kg wet	330	6670		77	40-130		
Butyl benzyl phthalate	6110		µg/kg wet	330	6670		92	40-130		
Carbazole	8110		µg/kg wet	330	6670		122	40-130		
4-Chloro-3-methylphenol	5810		µg/kg wet	330	6670		87	40-130		
4-Chloroaniline	5990		µg/kg wet	330	6670		90	40-130		
2-Chloronaphthalene	5730		µg/kg wet	330	6670		86	40-130		
2-Chlorophenol	4620		µg/kg wet	330	6670		69	40-130		
4-Chlorophenyl phenyl ether	5990		µg/kg wet	330	6670		90	40-130		
Chrysene	5830		µg/kg wet	330	6670		87	40-130		
Dibenzo (a,h) anthracene	5750		µg/kg wet	330	6670		86	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031514 - SW846 3550B										
LCS (7031514-BS1)										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Dibenzofuran	5930		µg/kg wet	330	6670		89	40-130		
1,2-Dichlorobenzene	4980		µg/kg wet	330	6670		75	40-130		
1,3-Dichlorobenzene	4270		µg/kg wet	330	6670		64	40-130		
1,4-Dichlorobenzene	5170		µg/kg wet	330	6670		78	40-130		
3,3'-Dichlorobenzidine	5850		µg/kg wet	330	6670		88	40-130		
2,4-Dichlorophenol	5260		µg/kg wet	330	6670		79	40-130		
Diethyl phthalate	5830		µg/kg wet	330	6670		87	40-130		
Dimethyl phthalate	5560		µg/kg wet	330	6670		83	40-130		
2,4-Dimethylphenol	5110		µg/kg wet	330	6670		77	40-130		
Di-n-butyl phthalate	5880		µg/kg wet	330	6670		88	40-130		
4,6-Dinitro-2-methylphenol	3900		µg/kg wet	330	6670		58	40-130		
2,4-Dinitrophenol	4790		µg/kg wet	330	6670		72	40-130		
2,4-Dinitrotoluene	5440		µg/kg wet	330	6670		82	40-130		
2,6-Dinitrotoluene	5760		µg/kg wet	330	6670		86	40-130		
Di-n-octyl phthalate	7100		µg/kg wet	330	6670		106	40-130		
Fluoranthene	5430		µg/kg wet	330	6670		81	40-130		
Fluorene	6240		µg/kg wet	330	6670		94	40-130		
Hexachlorobenzene	5090		µg/kg wet	330	6670		76	40-130		
Hexachlorobutadiene	5510		µg/kg wet	330	6670		83	40-130		
Hexachlorocyclopentadiene	4800		µg/kg wet	330	6670		72	40-130		
Hexachloroethane	5050		µg/kg wet	330	6670		76	40-130		
Indeno (1,2,3-cd) pyrene	5030		µg/kg wet	330	6670		75	40-130		
1-Methylnaphthalene	6100		µg/kg wet	330	6670		91	40-140		
Isophorone	6460		µg/kg wet	330	6670		97	40-130		
2-Methylnaphthalene	6100		µg/kg wet	330	6670		91	40-130		
2-Methylphenol	4790		µg/kg wet	330	6670		72	40-130		
3,4-Methylphenol	5630		µg/kg wet	330	6670		84	40-130		
Naphthalene	6130		µg/kg wet	330	6670		92	40-130		
2-Nitroaniline	5590		µg/kg wet	330	6670		84	40-130		
3-Nitroaniline	6250		µg/kg wet	330	6670		94	40-130		
4-Nitroaniline	7720		µg/kg wet	1320	6670		116	40-130		
Nitrobenzene	6610		µg/kg wet	330	6670		99	40-130		
2-Nitrophenol	5110		µg/kg wet	330	6670		77	40-130		
4-Nitrophenol	3590		µg/kg wet	1320	6670		54	40-130		
N-Nitrosodimethylamine	5490		µg/kg wet	330	6670		82	40-130		
N-Nitrosodi-n-propylamine	3150		µg/kg wet	330	6670		47	40-130		
N-Nitrosodiphenylamine	6710		µg/kg wet	330	6670		101	40-130		
Pentachlorophenol	4670		µg/kg wet	330	6670		70	40-130		
Phenanthrene	5300		µg/kg wet	330	6670		79	40-130		
Phenol	5300		µg/kg wet	330	6670		79	40-130		
Pyrene	5770		µg/kg wet	330	6670		87	40-130		
Pyridine	4050		µg/kg wet	330	6670		61	40-130		
1,2,4-Trichlorobenzene	5620		µg/kg wet	330	6670		84	40-130		
2,4,5-Trichlorophenol	5240		µg/kg wet	330	6670		79	40-130		
2,4,6-Trichlorophenol	4250		µg/kg wet	330	6670		64	40-130		
Surrogate: 2-Fluorobiphenyl	*6430*		µg/kg wet		*6670*		*96*	*30-130*		
Surrogate: 2-Fluorophenol	*4820*		µg/kg wet		*6670*		*72*	*15-110*		
Surrogate: Nitrobenzene-d5	*7430*		µg/kg wet		*6670*		*111*	*30-130*		
Surrogate: Phenol-d5	*4910*		µg/kg wet		*6670*		*74*	*15-110*		
Surrogate: Terphenyl-dl4	*6290*		µg/kg wet		*6670*		*94*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5280*		µg/kg wet		*6670*		*79*	*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 7031514 - SW846 3550B										
Duplicate (7031514-DUP1) **Source: SA59671-18**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Acenaphthene	BRL		µg/kg dry	699		BRL				50
Acenaphthylene	BRL		µg/kg dry	699		BRL				50
Aniline	BRL		µg/kg dry	699		BRL				50
Anthracene	BRL		µg/kg dry	699		BRL				50
Atrazine	BRL		µg/kg dry	699		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	699		BRL				50
Benzidine	BRL		µg/kg dry	699		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	699		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	699		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	699		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	699		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	699		BRL				50
Benzoic acid	BRL		µg/kg dry	699		BRL				50
Benzyl alcohol	BRL		µg/kg dry	699		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	699		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	699		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	699		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	699		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	699		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	699		BRL				50
Carbazole	BRL		µg/kg dry	699		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	699		BRL				50
4-Chloroaniline	BRL		µg/kg dry	699		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	699		BRL				50
2-Chlorophenol	BRL		µg/kg dry	699		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	699		BRL				50
Chrysene	BRL		µg/kg dry	699		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	699		BRL				50
Dibenzofuran	BRL		µg/kg dry	699		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	699		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	699		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	699		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/kg dry	699		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	699		BRL				50
Diethyl phthalate	BRL		µg/kg dry	699		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	699		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	699		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	699		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	699		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	699		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	699		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	699		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	699		BRL				50
Fluoranthene	BRL		µg/kg dry	699		BRL				50
Fluorene	BRL		µg/kg dry	699		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	699		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	699		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	699		BRL				50
Hexachloroethane	BRL		µg/kg dry	699		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	699		BRL				50
Isophorone	BRL		µg/kg dry	699		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 7031514 - SW846 3550B										
Duplicate (7031514-DUP1) **Source: SA59671-18**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
1-Methylnaphthalene	BRL		µg/kg dry	699		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	699		BRL				50
2-Methylphenol	BRL		µg/kg dry	699		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	699		BRL				50
Naphthalene	BRL		µg/kg dry	699		BRL				50
2-Nitroaniline	BRL		µg/kg dry	699		BRL				50
3-Nitroaniline	BRL		µg/kg dry	699		BRL				50
4-Nitroaniline	BRL		µg/kg dry	2800		BRL				50
Nitrobenzene	BRL		µg/kg dry	699		BRL				50
2-Nitrophenol	BRL		µg/kg dry	699		BRL				50
4-Nitrophenol	BRL		µg/kg dry	2800		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	699		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	699		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	699		BRL				50
Pentachlorophenol	BRL		µg/kg dry	699		BRL				50
Phenanthrene	BRL		µg/kg dry	699		BRL				50
Phenol	BRL		µg/kg dry	699		BRL				50
Pyrene	BRL		µg/kg dry	699		BRL				50
Pyridine	BRL		µg/kg dry	699		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	699		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	699		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	699		BRL				50
Surrogate: 2-Fluorobiphenyl	*6750*		µg/kg dry		*7070*		*95*	*30-130*		
Surrogate: 2-Fluorophenol	*5380*		µg/kg dry		*7070*		*76*	*15-110*		
Surrogate: Nitrobenzene-d5	*6370*		µg/kg dry		*7070*		*90*	*30-130*		
Surrogate: Phenol-d5	*5490*		µg/kg dry		*7070*		*78*	*15-110*		
Surrogate: Terphenyl-dl4	*7260*		µg/kg dry		*7070*		*103*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4380*		µg/kg dry		*7070*		*62*	*15-110*		
Matrix Spike (7031514-MS1) **Source: SA59671-18**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Acenaphthene	4940		µg/kg dry	353	7120	BRL	69	40-140		
4-Chloro-3-methylphenol	9070		µg/kg dry	353	14200	BRL	64	30-130		
2-Chlorophenol	8290		µg/kg dry	353	14200	BRL	58	30-130		
1,4-Dichlorobenzene	4310		µg/kg dry	353	7120	BRL	61	40-140		
2,4-Dinitrotoluene	4310		µg/kg dry	353	7120	BRL	61	40-140		
4-Nitrophenol	5730		µg/kg dry	1410	14200	BRL	40	30-130		
N-Nitrosodi-n-propylamine	5170		µg/kg dry	353	7120	BRL	73	40-140		
Pentachlorophenol	7300		µg/kg dry	353	14200	BRL	51	30-130		
Phenol	8500		µg/kg dry	353	14200	BRL	60	30-130		
Pyrene	5540		µg/kg dry	353	7120	BRL	78	40-140		
1,2,4-Trichlorobenzene	3970		µg/kg dry	353	7120	BRL	56	40-140		
Surrogate: 2-Fluorobiphenyl	*5400*		µg/kg dry		*7120*		*76*	*30-130*		
Surrogate: 2-Fluorophenol	*4450*		µg/kg dry		*7120*		*62*	*15-110*		
Surrogate: Nitrobenzene-d5	*5860*		µg/kg dry		*7120*		*82*	*30-130*		
Surrogate: Phenol-d5	*4300*		µg/kg dry		*7120*		*60*	*15-110*		
Surrogate: Terphenyl-dl4	*6230*		µg/kg dry		*7120*		*88*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4580*		µg/kg dry		*7120*		*64*	*15-110*		
Matrix Spike Dup (7031514-MSD1) **Source: SA59671-18**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
Acenaphthene	5070		µg/kg dry	350	7070	BRL	72	40-140	4	30
4-Chloro-3-methylphenol	9200		µg/kg dry	350	14100	BRL	65	30-130	2	30
2-Chlorophenol	8430		µg/kg dry	350	14100	BRL	60	30-130	3	30

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031514 - SW846 3550B										
Matrix Spike Dup (7031514-MSD1) **Source: SA59671-18**										
Prepared: 26-Mar-07 Analyzed: 27-Mar-07										
1,4-Dichlorobenzene	4380		µg/kg dry	350	7070	BRL	62	40-140	2	30
2,4-Dinitrotoluene	4480		µg/kg dry	350	7070	BRL	63	40-140	3	30
4-Nitrophenol	5730		µg/kg dry	1400	14100	BRL	41	30-130	2	30
N-Nitrosodi-n-propylamine	5280		µg/kg dry	350	7070	BRL	75	40-140	3	30
Pentachlorophenol	7830		µg/kg dry	350	14100	BRL	56	30-130	9	30
Phenol	8570		µg/kg dry	350	14100	BRL	61	30-130	2	30
Pyrene	5950		µg/kg dry	350	7070	BRL	84	40-140	7	30
1,2,4-Trichlorobenzene	4070		µg/kg dry	350	7070	BRL	58	40-140	4	30
Surrogate: 2-Fluorobiphenyl	*5630*		µg/kg dry		*7070*		*80*	*30-130*		
Surrogate: 2-Fluorophenol	*4450*		µg/kg dry		*7070*		*63*	*15-110*		
Surrogate: Nitrobenzene-d5	*6130*		µg/kg dry		*7070*		*87*	*30-130*		
Surrogate: Phenol-d5	*4410*		µg/kg dry		*7070*		*62*	*15-110*		
Surrogate: Terphenyl-dl4	*6660*		µg/kg dry		*7070*		*94*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4680*		µg/kg dry		*7070*		*66*	*15-110*		
Batch 7031592 - SW846 3545A										
Blank (7031592-BLK1)										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031592 - SW846 3545A										
Blank (7031592-BLK1)										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
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						
Isophorone	BRL		µg/kg wet	165						
1-Methylnaphthalene	BRL		µg/kg wet	165						
2-Methylnaphthalene	BRL		µg/kg wet	165						
2-Methylphenol	BRL		µg/kg wet	165						
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	660						
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	*2800*		µg/kg wet		*3330*		*84*	*30-130*		
Surrogate: 2-Fluorophenol	*2670*		µg/kg wet		*3330*		*80*	*15-110*		
Surrogate: Nitrobenzene-d5	*3250*		µg/kg wet		*3330*		*98*	*30-130*		
Surrogate: Phenol-d5	*2730*		µg/kg wet		*3330*		*82*	*15-110*		
Surrogate: Terphenyl-dl4	*3130*		µg/kg wet		*3330*		*94*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2180*		µg/kg wet		*3330*		*65*	*15-110*		
LCS (7031592-BS1)										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Acenaphthene	2400		µg/kg wet	165	3330		72	40-130		
Acenaphthylene	2610		µg/kg wet	165	3330		78	40-130		
Aniline	3550		µg/kg wet	165	3330		107	40-130		
Anthracene	2570		µg/kg wet	165	3330		77	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 7031592 - SW846 3545A										
LCS (7031592-BS1)										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Atrazine	5150	QC2	µg/kg wet	165	3330		155	40-130		
Azobenzene/Diphenyldiazine	2940		µg/kg wet	165	3330		88	40-130		
Benzidine	1430		µg/kg wet	165	3330		43	0-130		
Benzo (a) anthracene	2430		µg/kg wet	165	3330		73	40-130		
Benzo (a) pyrene	2600		µg/kg wet	165	3330		78	40-130		
Benzo (b) fluoranthene	2570		µg/kg wet	165	3330		77	40-130		
Benzo (g,h,i) perylene	2560		µg/kg wet	165	3330		77	40-130		
Benzo (k) fluoranthene	2350		µg/kg wet	165	3330		71	40-130		
Benzoic acid	2680		µg/kg wet	165	3330		80	0-130		
Benzyl alcohol	2460		µg/kg wet	165	3330		74	40-130		
Bis(2-chloroethoxy)methane	2540		µg/kg wet	165	3330		76	40-130		
Bis(2-chloroethyl)ether	2800		µg/kg wet	165	3330		84	40-130		
Bis(2-chloroisopropyl)ether	2750		µg/kg wet	165	3330		83	40-130		
Bis(2-ethylhexyl)phthalate	2780		µg/kg wet	165	3330		83	40-130		
4-Bromophenyl phenyl ether	2260		µg/kg wet	165	3330		68	40-130		
Butyl benzyl phthalate	2710		µg/kg wet	165	3330		81	40-130		
Carbazole	3420		µg/kg wet	165	3330		103	40-130		
4-Chloro-3-methylphenol	2500		µg/kg wet	165	3330		75	40-130		
4-Chloroaniline	2580		µg/kg wet	165	3330		77	40-130		
2-Chloronaphthalene	2390		µg/kg wet	165	3330		72	40-130		
2-Chlorophenol	2130		µg/kg wet	165	3330		64	40-130		
4-Chlorophenyl phenyl ether	2390		µg/kg wet	165	3330		72	40-130		
Chrysene	2460		µg/kg wet	165	3330		74	40-130		
Dibenzo (a,h) anthracene	2690		µg/kg wet	165	3330		81	40-130		
Dibenzofuran	2490		µg/kg wet	165	3330		75	40-130		
1,2-Dichlorobenzene	2270		µg/kg wet	165	3330		68	40-130		
1,3-Dichlorobenzene	2020		µg/kg wet	165	3330		61	40-130		
1,4-Dichlorobenzene	2290		µg/kg wet	165	3330		69	40-130		
3,3´-Dichlorobenzidine	2860		µg/kg wet	165	3330		86	40-130		
2,4-Dichlorophenol	2240		µg/kg wet	165	3330		67	40-130		
Diethyl phthalate	2440		µg/kg wet	165	3330		73	40-130		
Dimethyl phthalate	2500		µg/kg wet	165	3330		75	40-130		
2,4-Dimethylphenol	2120		µg/kg wet	165	3330		64	40-130		
Di-n-butyl phthalate	2520		µg/kg wet	165	3330		76	40-130		
4,6-Dinitro-2-methylphenol	2400		µg/kg wet	165	3330		72	40-130		
2,4-Dinitrophenol	2920		µg/kg wet	165	3330		88	40-130		
2,4-Dinitrotoluene	2820		µg/kg wet	165	3330		85	40-130		
2,6-Dinitrotoluene	2810		µg/kg wet	165	3330		84	40-130		
Di-n-octyl phthalate	2960		µg/kg wet	165	3330		89	40-130		
Fluoranthene	2440		µg/kg wet	165	3330		73	40-130		
Fluorene	2460		µg/kg wet	165	3330		74	40-130		
Hexachlorobenzene	2200		µg/kg wet	165	3330		66	40-130		
Hexachlorobutadiene	2200		µg/kg wet	165	3330		66	40-130		
Hexachlorocyclopentadiene	2170		µg/kg wet	165	3330		65	40-130		
Hexachloroethane	2120		µg/kg wet	165	3330		64	40-130		
Indeno (1,2,3-cd) pyrene	2790		µg/kg wet	165	3330		84	40-130		
Isophorone	2690		µg/kg wet	165	3330		81	40-130		
1-Methylnaphthalene	2310		µg/kg wet	165	3330		69	40-140		
2-Methylnaphthalene	2440		µg/kg wet	165	3330		73	40-130		
2-Methylphenol	2230		µg/kg wet	165	3330		67	40-130		
3,4-Methylphenol	2620		µg/kg wet	165	3330		79	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 7031592 - SW846 3545A										
LCS (7031592-BS1)										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Naphthalene	2410		µg/kg wet	165	3330		72	40-130		
2-Nitroaniline	2620		µg/kg wet	165	3330		79	40-130		
3-Nitroaniline	3010		µg/kg wet	165	3330		90	40-130		
4-Nitroaniline	3740		µg/kg wet	660	3330		112	40-130		
Nitrobenzene	2810		µg/kg wet	165	3330		84	40-130		
2-Nitrophenol	2300		µg/kg wet	165	3330		69	40-130		
4-Nitrophenol	1800		µg/kg wet	660	3330		54	40-130		
N-Nitrosodimethylamine	2410		µg/kg wet	165	3330		72	40-130		
N-Nitrosodi-n-propylamine	2400		µg/kg wet	165	3330		72	40-130		
N-Nitrosodiphenylamine	2780		µg/kg wet	165	3330		83	40-130		
Pentachlorophenol	2250		µg/kg wet	660	3330		68	40-130		
Phenanthrene	2330		µg/kg wet	165	3330		70	40-130		
Phenol	2130		µg/kg wet	165	3330		64	40-130		
Pyrene	2270		µg/kg wet	165	3330		68	40-130		
Pyridine	1800		µg/kg wet	165	3330		54	40-130		
1,2,4-Trichlorobenzene	2320		µg/kg wet	165	3330		70	40-130		
2,4,5-Trichlorophenol	2130		µg/kg wet	165	3330		64	40-130		
2,4,6-Trichlorophenol	1930		µg/kg wet	165	3330		58	40-130		
Surrogate: 2-Fluorobiphenyl	*2580*		µg/kg wet		*3330*		*77*	*30-130*		
Surrogate: 2-Fluorophenol	*2190*		µg/kg wet		*3330*		*66*	*15-110*		
Surrogate: Nitrobenzene-d5	*3080*		µg/kg wet		*3330*		*92*	*30-130*		
Surrogate: Phenol-d5	*2250*		µg/kg wet		*3330*		*68*	*15-110*		
Surrogate: Terphenyl-dl4	*2630*		µg/kg wet		*3330*		*79*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2320*		µg/kg wet		*3330*		*70*	*15-110*		
Duplicate (7031592-DUP1) **Source: SA59641-16**										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Acenaphthene	BRL		µg/kg dry	370		BRL				50
Acenaphthylene	BRL		µg/kg dry	370		BRL				50
Aniline	BRL		µg/kg dry	370		BRL				50
Anthracene	BRL		µg/kg dry	370		BRL				50
Atrazine	BRL		µg/kg dry	370		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	370		BRL				50
Benzidine	BRL		µg/kg dry	370		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	370		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	370		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	370		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	370		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	370		BRL				50
Benzoic acid	BRL		µg/kg dry	370		BRL				50
Benzyl alcohol	BRL		µg/kg dry	370		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	370		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	370		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	370		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	370		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	370		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	370		BRL				50
Carbazole	BRL		µg/kg dry	370		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	370		BRL				50
4-Chloroaniline	BRL		µg/kg dry	370		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	370		BRL				50
2-Chlorophenol	BRL		µg/kg dry	370		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 7031592 - SW846 3545A										
Duplicate (7031592-DUP1) **Source: SA59641-16**										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	370		BRL				50
Chrysene	BRL		µg/kg dry	370		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	370		BRL				50
Dibenzofuran	BRL		µg/kg dry	370		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	370		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	370		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	370		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	370		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	370		BRL				50
Diethyl phthalate	BRL		µg/kg dry	370		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	370		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	370		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	370		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	370		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	370		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	370		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	370		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	370		BRL				50
Fluoranthene	BRL		µg/kg dry	370		BRL				50
Fluorene	BRL		µg/kg dry	370		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	370		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	370		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	370		BRL				50
Hexachloroethane	BRL		µg/kg dry	370		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	370		BRL				50
Isophorone	BRL		µg/kg dry	370		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	370		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	370		BRL				50
2-Methylphenol	BRL		µg/kg dry	370		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	370		BRL				50
Naphthalene	BRL		µg/kg dry	370		BRL				50
2-Nitroaniline	BRL		µg/kg dry	370		BRL				50
3-Nitroaniline	BRL		µg/kg dry	370		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1480		BRL				50
Nitrobenzene	BRL		µg/kg dry	370		BRL				50
2-Nitrophenol	BRL		µg/kg dry	370		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1480		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	370		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	370		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	370		BRL				50
Pentachlorophenol	BRL		µg/kg dry	1480		BRL				50
Phenanthrene	BRL		µg/kg dry	370		BRL				50
Phenol	BRL		µg/kg dry	370		BRL				50
Pyrene	BRL		µg/kg dry	370		BRL				50
Pyridine	BRL		µg/kg dry	370		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	370		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	370		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	370		BRL				50
Surrogate: 2-Fluorobiphenyl	*2180*		µg/kg dry		*3740*		*58*	*30-130*		
Surrogate: 2-Fluorophenol	*2310*		µg/kg dry		*3740*		*62*	*15-110*		
Surrogate: Nitrobenzene-d5	*3060*		µg/kg dry		*3740*		*82*	*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 7031592 - SW846 3545A										
Duplicate (7031592-DUP1) **Source: SA59641-16**										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Surrogate: Phenol-d5	*2200*		µg/kg dry		*3740*		*59*	*15-110*		
Surrogate: Terphenyl-dl4	*2910*		µg/kg dry		*3740*		*78*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1680*		µg/kg dry		*3740*		*45*	*15-110*		
Matrix Spike (7031592-MS1) **Source: SA59641-16**										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Acenaphthene	2610		µg/kg dry	184	3710	BRL	70	40-140		
4-Chloro-3-methylphenol	2630		µg/kg dry	184	3710	BRL	71	30-130		
2-Chlorophenol	2270		µg/kg dry	184	3710	BRL	61	30-130		
1,4-Dichlorobenzene	2540		µg/kg dry	184	3710	BRL	68	40-140		
2,4-Dinitrotoluene	2650		µg/kg dry	184	3710	BRL	71	40-140		
4-Nitrophenol	1840		µg/kg dry	735	3710	BRL	50	30-130		
N-Nitrosodi-n-propylamine	1500		µg/kg dry	184	3710	BRL	40	40-140		
Pentachlorophenol	2090		µg/kg dry	735	3710	BRL	56	30-130		
Phenol	2590		µg/kg dry	184	3710	BRL	70	30-130		
Pyrene	2660		µg/kg dry	184	3710	BRL	72	40-140		
1,2,4-Trichlorobenzene	2460		µg/kg dry	184	3710	BRL	66	40-140		
Surrogate: 2-Fluorobiphenyl	*2820*		µg/kg dry		*3710*		*76*	*30-130*		
Surrogate: 2-Fluorophenol	*2190*		µg/kg dry		*3710*		*59*	*15-110*		
Surrogate: Nitrobenzene-d5	*3340*		µg/kg dry		*3710*		*90*	*30-130*		
Surrogate: Phenol-d5	*2380*		µg/kg dry		*3710*		*64*	*15-110*		
Surrogate: Terphenyl-dl4	*2960*		µg/kg dry		*3710*		*80*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2420*		µg/kg dry		*3710*		*65*	*15-110*		
Matrix Spike Dup (7031592-MSD1) **Source: SA59641-16**										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Acenaphthene	2750		µg/kg dry	185	3740	BRL	74	40-140	6	30
4-Chloro-3-methylphenol	2770		µg/kg dry	185	3740	BRL	74	30-130	4	30
2-Chlorophenol	2400		µg/kg dry	185	3740	BRL	64	30-130	5	30
1,4-Dichlorobenzene	2660		µg/kg dry	185	3740	BRL	71	40-140	4	30
2,4-Dinitrotoluene	2770		µg/kg dry	185	3740	BRL	74	40-140	4	30
4-Nitrophenol	1920		µg/kg dry	741	3740	BRL	51	30-130	2	30
N-Nitrosodi-n-propylamine	1630		µg/kg dry	185	3740	BRL	44	40-140	10	30
Pentachlorophenol	2280		µg/kg dry	741	3740	BRL	61	30-130	9	30
Phenol	2780		µg/kg dry	185	3740	BRL	74	30-130	6	30
Pyrene	2810		µg/kg dry	185	3740	BRL	75	40-140	4	30
1,2,4-Trichlorobenzene	2600		µg/kg dry	185	3740	BRL	70	40-140	6	30
Surrogate: 2-Fluorobiphenyl	*3000*		µg/kg dry		*3740*		*80*	*30-130*		
Surrogate: 2-Fluorophenol	*2410*		µg/kg dry		*3740*		*64*	*15-110*		
Surrogate: Nitrobenzene-d5	*3550*		µg/kg dry		*3740*		*95*	*30-130*		
Surrogate: Phenol-d5	*2500*		µg/kg dry		*3740*		*67*	*15-110*		
Surrogate: Terphenyl-dl4	*3110*		µg/kg dry		*3740*		*83*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2550*		µg/kg dry		*3740*		*68*	*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 7031495 - EPA200/SW7000 Series										
Blank (7031495-BLK1)										
Prepared & Analyzed: 28-Mar-07										
Mercury	BRL		mg/kg wet	0.0299						
Duplicate (7031495-DUP1)	**Source: SA59620-02**									
Prepared & Analyzed: 28-Mar-07										
Mercury	0.0327	J	mg/kg dry	0.0334		0.0289			12	20
Matrix Spike (7031495-MS1)	**Source: SA59641-07**									
Prepared & Analyzed: 28-Mar-07										
Mercury	0.566		mg/kg dry	0.0327	0.454	0.193	82	75-125		
Matrix Spike (7031495-MS2)	**Source: SA59641-16**									
Prepared & Analyzed: 28-Mar-07										
Mercury	0.451		mg/kg dry	0.0320	0.445	BRL	101	75-125		
Reference (7031495-SRM1)										
Prepared & Analyzed: 28-Mar-07										
Mercury	1.33		mg/kg wet	0.0300	1.13		118	65.9-132.6		
Batch 7031619 - SW846 3005A										
Blank (7031619-BLK1)										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Silver	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Chromium	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
LCS (7031619-BS1)										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Selenium	0.471		mg/l	0.0150	0.500		94	85-115		
Lead	0.492		mg/l	0.0075	0.500		98	85-115		
Barium	0.521		mg/l	0.0050	0.500		104	85-115		
Silver	0.445		mg/l	0.0050	0.500		89	85-115		
Cadmium	0.510		mg/l	0.0025	0.500		102	85-115		
Chromium	0.484		mg/l	0.0050	0.500		97	85-115		
Arsenic	0.471		mg/l	0.0040	0.500		94	85-115		
LCS Dup (7031619-BSD1)										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Selenium	0.468		mg/l	0.0150	0.500		94	85-115	0.6	20
Lead	0.489		mg/l	0.0075	0.500		98	85-115	0.6	20
Barium	0.517		mg/l	0.0050	0.500		103	85-115	0.8	20
Silver	0.444		mg/l	0.0050	0.500		89	85-115	0.2	20
Cadmium	0.506		mg/l	0.0025	0.500		101	85-115	0.8	20
Chromium	0.478		mg/l	0.0050	0.500		96	85-115	1	20
Arsenic	0.467		mg/l	0.0040	0.500		93	85-115	0.9	20
Duplicate (7031619-DUP1)	**Source: SA59508-01**									
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Lead	BRL		mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Silver	0.0024	J	mg/l	0.0050		0.0027			12	20
Cadmium	BRL		mg/l	0.0025		BRL				20

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

* Reportable Detection Limit BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031619 - SW846 3005A										
Duplicate (7031619-DUP1) **Source: SA59508-01**										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Arsenic	BRL		mg/l	0.0040		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Barium	BRL		mg/l	0.0050		BRL				20
Matrix Spike (7031619-MS1) **Source: SA59641-18**										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Selenium	0.463		mg/l	0.0150	0.500	BRL	93	75-125		
Lead	0.485		mg/l	0.0075	0.500	BRL	97	75-125		
Barium	0.514		mg/l	0.0050	0.500	0.0014	103	75-125		
Arsenic	0.464		mg/l	0.0040	0.500	BRL	93	75-125		
Silver	0.437		mg/l	0.0050	0.500	BRL	87	75-125		
Cadmium	0.500		mg/l	0.0025	0.500	BRL	100	75-125		
Chromium	0.478		mg/l	0.0050	0.500	BRL	96	75-125		
Matrix Spike Dup (7031619-MSD1) **Source: SA59641-18**										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Lead	0.491		mg/l	0.0075	0.500	BRL	98	75-125	1	20
Selenium	0.468		mg/l	0.0150	0.500	BRL	94	75-125	1	20
Silver	0.439		mg/l	0.0050	0.500	BRL	88	75-125	0.5	20
Barium	0.516		mg/l	0.0050	0.500	0.0014	103	75-125	0.4	20
Cadmium	0.505		mg/l	0.0025	0.500	BRL	101	75-125	1	20
Chromium	0.480		mg/l	0.0050	0.500	BRL	96	75-125	0.4	20
Arsenic	0.470		mg/l	0.0040	0.500	BRL	94	75-125	1	20
Post Spike (7031619-PS1) **Source: SA59641-18**										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Selenium	0.476		mg/l	0.0150	0.500	BRL	95	80-120		
Lead	0.500		mg/l	0.0075	0.500	BRL	100	80-120		
Arsenic	0.478		mg/l	0.0040	0.500	BRL	96	80-120		
Chromium	0.485		mg/l	0.0050	0.500	BRL	97	80-120		
Barium	0.522		mg/l	0.0050	0.500	0.0014	104	80-120		
Silver	0.435		mg/l	0.0050	0.500	BRL	87	80-120		
Cadmium	0.511		mg/l	0.0025	0.500	BRL	102	80-120		
Batch 7031677 - SW846 3005A										
Blank (7031677-BLK1)										
Prepared & Analyzed: 28-Mar-07										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Barium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0300						
Chromium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Cadmium	BRL		mg/l	0.0025						
LCS (7031677-BS1)										
Prepared & Analyzed: 28-Mar-07										
Lead	0.490		mg/l	0.0075	0.500		98	85-115		
Selenium	0.473		mg/l	0.0150	0.500		95	85-115		
Barium	0.485		mg/l	0.0050	0.500		97	85-115		
Silver	0.451		mg/l	0.0300	0.500		90	85-115		
Arsenic	0.476		mg/l	0.0040	0.500		95	85-115		
Chromium	0.488		mg/l	0.0050	0.500		98	85-115		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031677 - SW846 3005A										
LCS (7031677-BS1)										
Prepared & Analyzed: 28-Mar-07										
Cadmium	0.500		mg/l	0.0025	0.500		100	85-115		
LCS Dup (7031677-BSD1)										
Prepared & Analyzed: 28-Mar-07										
Selenium	0.464		mg/l	0.0150	0.500		93	85-115	2	20
Lead	0.484		mg/l	0.0075	0.500		97	85-115	1	20
Barium	0.472		mg/l	0.0050	0.500		94	85-115	3	20
Arsenic	0.467		mg/l	0.0040	0.500		93	85-115	2	20
Silver	0.435		mg/l	0.0300	0.500		87	85-115	4	20
Chromium	0.477		mg/l	0.0050	0.500		95	85-115	2	20
Cadmium	0.490		mg/l	0.0025	0.500		98	85-115	2	20
Duplicate (7031677-DUP1)	**Source: SA59641-17**									
Prepared & Analyzed: 28-Mar-07										
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	0.973	QR6	mg/l	0.0075		0.0072			197	20
Cadmium	0.0026		mg/l	0.0025		BRL				20
Arsenic	0.0734		mg/l	0.0040		BRL				20
Chromium	0.103	QR6	mg/l	0.0050		0.0079			172	20
Barium	0.608	QR6	mg/l	0.0050		0.276			75	20
Silver	0.0206	J,QR4	mg/l	0.0300		0.0268			26	20
Matrix Spike (7031677-MS1)	**Source: SA59532-01**									
Prepared & Analyzed: 28-Mar-07										
Lead	0.480	QM7	mg/l	0.0075	0.500	1.02	NR	75-125		
Selenium	0.478		mg/l	0.0150	0.500	BRL	96	75-125		
Barium	0.760	QM7	mg/l	0.0050	0.500	0.604	31	75-125		
Arsenic	0.484		mg/l	0.0040	0.500	0.0758	82	75-125		
Silver	0.487		mg/l	0.0300	0.500	0.0212	93	75-125		
Chromium	0.498		mg/l	0.0050	0.500	0.106	78	75-125		
Cadmium	0.472		mg/l	0.0025	0.500	0.0032	94	75-125		
Matrix Spike Dup (7031677-MSD1)	**Source: SA59532-01**									
Prepared & Analyzed: 28-Mar-07										
Lead	0.492	QM7	mg/l	0.0075	0.500	1.02	NR	75-125	2	20
Selenium	0.489		mg/l	0.0150	0.500	BRL	98	75-125	2	20
Chromium	0.512		mg/l	0.0050	0.500	0.106	81	75-125	3	20
Barium	0.791	QM7	mg/l	0.0050	0.500	0.604	37	75-125	4	20
Cadmium	0.488		mg/l	0.0025	0.500	0.0032	97	75-125	3	20
Silver	0.510		mg/l	0.0300	0.500	0.0212	98	75-125	5	20
Arsenic	0.502		mg/l	0.0040	0.500	0.0758	85	75-125	4	20
Post Spike (7031677-PS1)	**Source: SA59532-01**									
Prepared & Analyzed: 28-Mar-07										
Selenium	0.458		mg/l	0.0150	0.500	BRL	92	80-120		
Silver	0.541		mg/l	0.0300	0.500	0.0212	104	80-120		
Cadmium	0.451		mg/l	0.0025	0.500	0.0032	90	80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031494 - EPA 200 Series										
Blank (7031494-BLK1)										
Prepared & Analyzed: 28-Mar-07										
Silver	BRL		mg/kg wet	0.938						
Selenium	BRL		mg/kg wet	1.41						
Lead	BRL		mg/kg wet	0.704						
Chromium	BRL		mg/kg wet	0.469						
Arsenic	BRL		mg/kg wet	1.41						
Cadmium	BRL		mg/kg wet	0.235						
Barium	BRL		mg/kg wet	0.469						
Duplicate (7031494-DUP1)	**Source: SA59620-02**									
Prepared & Analyzed: 28-Mar-07										
Silver	BRL		mg/kg dry	1.11		BRL				35
Selenium	BRL		mg/kg dry	1.67		BRL				35
Lead	33.9		mg/kg dry	0.835		38.7			13	35
Arsenic	2.90		mg/kg dry	1.67		2.47			16	35
Chromium	15.2		mg/kg dry	0.557		16.2			6	35
Cadmium	0.368		mg/kg dry	0.278		0.502			31	35
Barium	52.9		mg/kg dry	0.557		56.5			7	35
Matrix Spike (7031494-MS1)	**Source: SA59641-07**									
Prepared & Analyzed: 28-Mar-07										
Silver	121		mg/kg dry	1.04	130	BRL	93	70-130		
Selenium	132		mg/kg dry	1.56	130	BRL	102	70-130		
Chromium	153		mg/kg dry	0.522	130	29.4	95	70-130		
Lead	218		mg/kg dry	0.782	130	99.7	91	70-130		
Arsenic	131		mg/kg dry	1.56	130	6.41	96	70-130		
Cadmium	120		mg/kg dry	0.261	130	0.599	92	70-130		
Barium	168		mg/kg dry	0.522	130	39.2	99	70-130		
Matrix Spike (7031494-MS2)	**Source: SA59641-16**									
Prepared & Analyzed: 28-Mar-07										
Selenium	130		mg/kg dry	1.54	129	BRL	101	70-130		
Silver	114		mg/kg dry	1.03	129	BRL	88	70-130		
Arsenic	123		mg/kg dry	1.54	129	1.15	94	70-130		
Chromium	125		mg/kg dry	0.515	129	4.41	93	70-130		
Lead	121		mg/kg dry	0.772	129	3.65	91	70-130		
Cadmium	123		mg/kg dry	0.257	129	0.117	95	70-130		
Barium	138		mg/kg dry	0.515	129	10.4	99	70-130		
Post Spike (7031494-PS1)	**Source: SA59641-07**									
Prepared & Analyzed: 28-Mar-07										
Selenium	139		mg/kg dry	1.65	137	BRL	101	85-115		
Silver	125		mg/kg dry	1.10	137	BRL	91	85-115		
Chromium	179		mg/kg dry	0.549	137	29.4	109	85-115		
Cadmium	127		mg/kg dry	0.274	137	0.599	92	85-115		
Arsenic	141		mg/kg dry	1.65	137	6.41	98	85-115		
Barium	187		mg/kg dry	0.549	137	39.2	108	85-115		
Reference (7031494-SRM1)										
Prepared & Analyzed: 28-Mar-07										
Selenium	88.6		mg/kg wet	1.50	78.0		114	77.4-122.6		
Silver	44.3		mg/kg wet	1.00	41.1		108	66.3-133.6		
Lead	45.0		mg/kg wet	0.750	44.7		101	81.8-118.1		
Chromium	47.8		mg/kg wet	0.500	49.3		97	78.9-120.5		
Cadmium	32.0		mg/kg wet	0.250	31.7		101	82.1-117.9		

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 7031494 - EPA 200 Series										
Reference (7031494-SRM1)										
Prepared & Analyzed: 28-Mar-07										
Arsenic	46.4		mg/kg wet	1.50	44.7		104	80.8-119.4		
Barium	219		mg/kg wet	0.500	215		102	82.7-117.3		
Batch 7031620 - EPA200/SW7000 Series										
Blank (7031620-BLK1)										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Mercury	BRL		mg/l	0.00020						
LCS (7031620-BS1)										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Mercury	0.00269		mg/l	0.00020	0.00250		108	85-115		
Duplicate (7031620-DUP1) **Source: SA59650-01**										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Mercury	0.00449		mg/l	0.00020		0.00413			8	20
Matrix Spike (7031620-MS1) **Source: SA59641-18**										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Mercury	0.00256		mg/l	0.00020	0.00250	BRL	102	75-125		
Matrix Spike Dup (7031620-MSD1) **Source: SA59641-18**										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Mercury	0.00284		mg/l	0.00020	0.00250	BRL	114	75-125	10	20
Post Spike (7031620-PS1) **Source: SA59641-18**										
Prepared: 27-Mar-07 Analyzed: 28-Mar-07										
Mercury	0.00267		mg/l	0.00020	0.00250	BRL	107	85-115		
Batch 7031679 - EPA200/SW7000 Series										
Blank (7031679-BLK1)										
Prepared & Analyzed: 28-Mar-07										
Mercury	BRL		mg/l	0.00020						
LCS (7031679-BS1)										
Prepared & Analyzed: 28-Mar-07										
Mercury	0.00245		mg/l	0.00020	0.00250		98	85-115		
Duplicate (7031679-DUP1) **Source: SA59641-17**										
Prepared & Analyzed: 28-Mar-07										
Mercury	0.00226		mg/l	0.00020		0.00221			2	20
Matrix Spike (7031679-MS1) **Source: SA59641-17**										
Prepared & Analyzed: 28-Mar-07										
Mercury	0.00479		mg/l	0.00020	0.00250	0.00221	103	75-125		
Matrix Spike Dup (7031679-MSD1) **Source: SA59641-17**										
Prepared & Analyzed: 28-Mar-07										
Mercury	0.00483		mg/l	0.00020	0.00250	0.00221	105	75-125	0.8	20
Post Spike (7031679-PS1) **Source: SA59641-17**										
Prepared & Analyzed: 28-Mar-07										
Mercury	0.00509		mg/l	0.00020	0.00250	0.00221	115	85-115		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031651 - SW846 3010A										
Blank (7031651-BLK1)										
Prepared & Analyzed: 28-Mar-07										
Lead	BRL		mg/l	0.0150						
Selenium	BRL		mg/l	0.0150						
Silver	BRL		mg/l	0.0200						
Arsenic	BRL		mg/l	0.0150						
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0150						
Barium	BRL		mg/l	0.0150						
LCS (7031651-BS1)										
Prepared & Analyzed: 28-Mar-07										
Lead	1.18		mg/l	0.0150	1.25		94	82.3-108		
Selenium	1.14		mg/l	0.0150	1.25		91	79-108		
Chromium	1.16		mg/l	0.0150	1.25		93	76.2-118		
Arsenic	1.14		mg/l	0.0150	1.25		91	77.4-109		
Cadmium	1.22		mg/l	0.0025	1.25		98	87.9-110		
Silver	1.06		mg/l	0.0200	1.25		85	55.5-115		
Barium	1.26		mg/l	0.0150	1.25		101	85.1-119		
LCS Dup (7031651-BSD1)										
Prepared & Analyzed: 28-Mar-07										
Selenium	1.13		mg/l	0.0150	1.25		90	79-108	0.9	20
Lead	1.18		mg/l	0.0150	1.25		94	82.3-108	0	20
Arsenic	1.13		mg/l	0.0150	1.25		90	77.4-109	0.9	20
Silver	0.866		mg/l	0.0200	1.25		69	55.5-115	20	20
Cadmium	1.21		mg/l	0.0025	1.25		97	87.9-110	0.8	20
Chromium	1.15		mg/l	0.0150	1.25		92	76.2-118	0.9	20
Barium	1.27		mg/l	0.0150	1.25		102	85.1-119	0.8	20
Duplicate (7031651-DUP1)	**Source: SA59641-15**									
Prepared & Analyzed: 28-Mar-07										
Lead	0.0025	J	mg/l	0.0150		0.0030			18	20
Selenium	BRL		mg/l	0.0150		BRL				20
Silver	BRL		mg/l	0.0200		BRL				20
Chromium	BRL		mg/l	0.0150		BRL				20
Arsenic	BRL		mg/l	0.0150		BRL				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Barium	0.0118	J	mg/l	0.0150		0.0098			19	20
Matrix Spike (7031651-MS1)	**Source: SA59641-16**									
Prepared & Analyzed: 28-Mar-07										
Lead	1.20		mg/l	0.0150	1.25	BRL	96	81.8-105		
Selenium	1.17		mg/l	0.0150	1.25	BRL	94	80.4-105		
Silver	0.989		mg/l	0.0200	1.25	BRL	79	63.6-109		
Arsenic	1.17		mg/l	0.0150	1.25	BRL	94	79.2-106		
Chromium	1.18		mg/l	0.0150	1.25	BRL	94	81.5-111		
Cadmium	1.24		mg/l	0.0025	1.25	BRL	99	86.4-108		
Barium	1.28		mg/l	0.0150	1.25	0.0052	102	88.9-114		
Matrix Spike Dup (7031651-MSD1)	**Source: SA59641-16**									
Prepared & Analyzed: 28-Mar-07										
Selenium	1.16		mg/l	0.0150	1.25	BRL	93	80.4-105	0.9	20
Lead	1.19		mg/l	0.0150	1.25	BRL	95	81.8-105	0.8	20
Chromium	1.18		mg/l	0.0150	1.25	BRL	94	81.5-111	0	20
Cadmium	1.23		mg/l	0.0025	1.25	BRL	98	86.4-108	0.8	20

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031651 - SW846 3010A										
Matrix Spike Dup (7031651-MSD1) **Source: SA59641-16**										
Prepared & Analyzed: 28-Mar-07										
Silver	1.09		mg/l	0.0200	1.25	BRL	87	63.6-109	10	20
Arsenic	1.16		mg/l	0.0150	1.25	BRL	93	79.2-106	0.9	20
Barium	1.28		mg/l	0.0150	1.25	0.0052	102	88.9-114	0	20
Post Spike (7031651-PS1) **Source: SA59641-16**										
Prepared & Analyzed: 28-Mar-07										
Selenium	1.17		mg/l	0.0150	1.25	BRL	94	77.7-108		
Lead	1.21		mg/l	0.0150	1.25	BRL	97	80.3-108		
Arsenic	1.18		mg/l	0.0150	1.25	BRL	94	79.3-107		
Cadmium	1.25		mg/l	0.0025	1.25	BRL	100	86.5-109		
Silver	1.11		mg/l	0.0200	1.25	BRL	89	61.7-107		
Chromium	1.19		mg/l	0.0150	1.25	BRL	95	78.1-114		
Barium	1.29		mg/l	0.0150	1.25	0.0052	103	86.8-118		
Batch 7031652 - EPA200/SW7000 Series										
Blank (7031652-BLK1)										
Prepared & Analyzed: 28-Mar-07										
Mercury	BRL		mg/l	0.00040						
LCS (7031652-BS1)										
Prepared & Analyzed: 28-Mar-07										
Mercury	0.00244		mg/l	0.00040	0.00250		98	66.6-117		
Duplicate (7031652-DUP1) **Source: SA59641-15**										
Prepared & Analyzed: 28-Mar-07										
Mercury	BRL		mg/l	0.00040		BRL				20
Matrix Spike (7031652-MS1) **Source: SA59641-16**										
Prepared & Analyzed: 28-Mar-07										
Mercury	0.00251		mg/l	0.00040	0.00250	BRL	100	76.1-111		
Matrix Spike Dup (7031652-MSD1) **Source: SA59641-16**										
Prepared & Analyzed: 28-Mar-07										
Mercury	0.00247		mg/l	0.00040	0.00250	BRL	99	76.1-111	2	20
Post Spike (7031652-PS1) **Source: SA59641-16**										
Prepared & Analyzed: 28-Mar-07										
Mercury	0.00248		mg/l	0.00040	0.00250	BRL	99	66.8-110		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031470 - General Preparation										
Duplicate (7031470-DUP1) **Source: SA59619-01**										
Prepared & Analyzed: 24-Mar-07										
% Solids	96.4		%			97.9			2	20

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

* Reportable Detection Limit BRL = Below Reporting Limit

Notes and Definitions

*TPH	Calculated as
Comp	Completed
FP	Field Preserved
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR4	Analyses are not controlled on RPD values from sample concentrations less than the reporting limit. QC batch accepted based on LCS and/or LCSD QC results
QR5	RPD out of acceptance range.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
R05	Elevated Reporting Limits due to the presence of high levels of non-target analytes.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
vex2	Field extracted
VOC8	Reporting limits reflect SW846 5030 extraction technique due to matrix interference using SW846 5035A extraction technique.
Z-2	The recovery of d-BHC was outside of the acceptance range due to a breakdown of d-BHC within the spike mixture. The CCC is within acceptable limits which demonstrates that the problem lies with the mixture, not the instrumentation.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

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

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

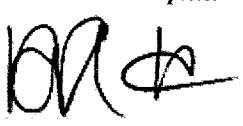
Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA	Project Name and Number:
Project Location: NHRY M8 Acceptance Facility - New Haven, CT	NHRY M8 Acceptance Facility - New Haven, CT/
This Form Provides certifications for the following data set: SA59641-01 SA59641-11 SA59641-02 SA59641-12 SA59641-03 SA59641-13 SA59641-04 SA59641-14 SA59641-05 SA59641-15 SA59641-06 SA59641-16 SA59641-07 SA59641-17 SA59641-08 SA59641-18 SA59641-09 SA59641-19 SA59641-10	List Specific Analytical Methods Used: +CT ETPH EPA 200.7 EPA 245.1/7470A SM2540 G Mod. SW 846 8260B SW846 1312 SW846 1312/6010B SW846 1312/7470A SW846 6010B SW846 7471A SW846 8081A SW846 8082 SW846 8260B SW846 8270C SW846 8270C/EPA 625 : VOC
Sample Matrices: Aqueous Soil/Sediment	

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

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

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

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



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

Date: 3/29/2007

SPECTRUM ANALYTICAL, INC.
Featuring
HANNIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 2

SA 59641

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 - MGE

Invoice To: CTDOT - DAS Contract
c/o LES

P.O. No.: RQN:

Project No.: 301-88
Site Name: NHRY M8 Facility
Location: New Haven 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= X2= X3=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs 8260	CT ETPH	Pest + PCBs 508A/8082	Base Neutrals/Acids Extractable 8270	Total Metals	SPLP Metals	QA Reporting Notes:
59641-01	M8F-16 2-4'	3/21/07		C	SO		3	1			X	X	X	X	X	X	
-02	M8F-17 4-6'																
-03	M8F-18 2-4'																
-04	M8F-19 2-4'																
-05	M8F-20 2-4'																
-06	M8F-22 2-4'																
-07	M8F-23 2-4'																
-08	M8F-24 2-4'																
-09	M8F-25 2-4'																
-10	M8F-27 2-4'	↓		↓	↓		↓	↓			↓	↓	↓	↓	↓	↓	

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 RQC + GB

PRC

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

Condition upon receipt: ☐ Iced ☐ Ambient ☑ C 6.9
Cooler

Relinquished by:	Received by:	Date:	Time:
		3-22-07	10 AM
		3/22/07	15:33

Headquarters: 11 Almgren Drive & 830 Silver Street • Agawam, MA 01001 • 1-800-789-9115 • 413-789-9018 • FAX 413-789-4076
FL Division: 8180 Woodland Center Boulevard • Tampa, FL 33614 • 1-888-497-5270 • 813-888-9507 • FAX 800-480-6435
www.spectrum-analytical.com

SPECTRUM ANALYTICAL, INC.
Featuring
HANNIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

S96041

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. Stocks - MCI

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

Project No.: 301-88
Site Name: NHRY M8 Facility
Location: New Haven State: CT
Sampler(s): C. Knight / C. Criscuolo

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs - 8260	CT ETPH	PCBs + Pest 608/14 / 8082	Base Neutrals / Acid Extractables 8270	Total RCRA 8 Metals	SPLP RCRA 8 Metals		
S96041-11	M8F-28 2-4'	3/21/07		C	SO		3	1			X	X	X	X	X	X		
-12	M8F-29 2-4'															X		
-13	M8F-30 2-4'															X		
-14	M8F-31 2-4'															X		
-15	M8F-33 2-4'															X		
-16	M8F-34 4-6'															X		
-17	M8F-24 GW			G	GW			4		1								
-18	FB-3				X1			3		1								
-19	TB-3				X1			1										

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

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

State specific reporting standards: CTDEP RDec + PMC

☐ Fax results when available to (____) _____
~~E~~-mail to ckclogicalenvironmental.com
EDD Format PDF

Condition upon receipt: ☐ Iced ☐ Ambient ~~C~~ 1.1 corr

Relinquished by:	Received by:	Date:	Time:
		5-22-07	1830
		3/22/07	16:35

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-4	301-88	Blank Water	26-Mar-07 00:00	27-Mar-07
SA59803-19				

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 (Freon	BRL		µg/l	1.0	1	SW846 8260B	29-Mar-07	29-Mar-07	7031797	RLJ
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	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-4	301-88	Blank Water	26-Mar-07 00:00	27-Mar-07
SA59803-19				

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											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	29-Mar-07	29-Mar-07	7031797	RLJ
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*	*93*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*108*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*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	28-Mar-07	30-Mar-07	7031722	DS
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*	*87*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.2500	1	SW846 8081A	29-Mar-07	29-Mar-07	7031768	TG
319-84-6	a-BHC	BRL		µg/l	0.2500	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-4 SA59803-19	301-88	Blank Water	26-Mar-07 00:00	27-Mar-07

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											
319-85-7	b-BHC	BRL		µg/l	0.2500	1	SW846 8081A	29-Mar-07	29-Mar-07	7031768	TG
319-86-8	d-BHC	BRL		µg/l	0.2500	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.2500	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	1.250	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/l	0.2500	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/l	0.2500	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/l	0.2500	1	"	"	"	"	"
60-57-1	Dieldrin	BRL	Z-2	µg/l	0.0500	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.2500	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.2500	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.2500	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.2500	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.2500	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.2500	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.2500	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.2500	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	1.250	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.2500	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.2500	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.2500	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*66*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*69*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.500	1	SW846 8082	29-Mar-07	29-Mar-07	7031769	SM
11104-28-2	PCB 1221	BRL		µg/l	0.500	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.500	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.500	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.500	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.500	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.500	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.500	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.500	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*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 3510C											
83-32-9	Acenaphthene	BRL		µg/l	1.00	1	SW846 8270C	28-Mar-07	31-Mar-07	7031680	M.B
208-96-8	Acenaphthylene	BRL		µg/l	0.400	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	1.00	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	1.00	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	1.00	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	1.00	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	1.00	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.200	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-4	301-88	Blank Water	26-Mar-07 00:00	27-Mar-07
SA59803-19				

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	0.200	1	SW846 8270C	28-Mar-07	31-Mar-07	7031680	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.200	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	1.00	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.300	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	1.00	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	1.00	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	1.00	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	1.00	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	1.00	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	1.00	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	1.00	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	1.00	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	1.00	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.200	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	1.00	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	1.00	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	1.00	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	1.00	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	1.00	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	1.00	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	1.00	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.600	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	1.00	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	1.00	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.200	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	1.00	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.00	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	1.00	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-4	301-88	Blank Water	26-Mar-07 00:00	27-Mar-07
SA59803-19				

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	1.00	1	SW846 8270C	28-Mar-07	31-Mar-07	7031680	M.B
88-75-5	2-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	1.00	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	1.00	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	1.00	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	1.00	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	1.00	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	1.00	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	1.00	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*67*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*77*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*73*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*100*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*53*		*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	"	29-Mar-07	"	"
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*	*89*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*101*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	30-Mar-07	02-Apr-07	7031823	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-4 SA59803-19	301-88	Blank Water	26-Mar-07 00:00	27-Mar-07

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	30-Mar-07	02-Apr-07	7031823	LR
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	30-Mar-07	02-Apr-07	7031824	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-4	301-88	Blank Water	26-Mar-07 00:00	27-Mar-07
SA59803-20				

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											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	29-Mar-07	29-Mar-07	7031797	RLJ
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	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-4 SA59803-20	301-88	Blank Water	26-Mar-07 00:00	27-Mar-07

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											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	29-Mar-07	29-Mar-07	7031797	RLJ
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*	*92*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*110*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031790 - SW846 5035A Soil (low level)										
Blank (7031790-BLK1)										
Prepared & Analyzed: 29-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031790 - SW846 5035A Soil (low level)										
Blank (7031790-BLK1)										
Prepared & Analyzed: 29-Mar-07										
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*52.6*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*55.2*		µg/kg wet		*50.0*		*110*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*58.4*		µg/kg wet		*50.0*		*117*	*70-130*		
Surrogate: Dibromofluoromethane	*55.4*		µg/kg wet		*50.0*		*111*	*70-130*		
LCS (7031790-BS1)										
Prepared & Analyzed: 29-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.4		µg/kg wet		20.0		102	70-130		
Acetone	13.7		µg/kg wet		20.0		68	1.77-175		
Acrylonitrile	21.2		µg/kg wet		20.0		106	70-130		
Benzene	20.8		µg/kg wet		20.0		104	70-130		
Bromobenzene	17.1		µg/kg wet		20.0		86	70-130		
Bromochloromethane	18.9		µg/kg wet		20.0		94	70-130		
Bromodichloromethane	22.9		µg/kg wet		20.0		114	70-130		
Bromoform	19.8		µg/kg wet		20.0		99	70-130		
Bromomethane	20.8		µg/kg wet		20.0		104	55.3-136		
2-Butanone (MEK)	14.4		µg/kg wet		20.0		72	38.8-142		
n-Butylbenzene	17.8		µg/kg wet		20.0		89	70-130		
sec-Butylbenzene	17.7		µg/kg wet		20.0		88	70-130		
tert-Butylbenzene	18.5		µg/kg wet		20.0		92	70-130		
Carbon disulfide	17.8		µg/kg wet		20.0		89	70-130		
Carbon tetrachloride	19.8		µg/kg wet		20.0		99	70-130		
Chlorobenzene	17.9		µg/kg wet		20.0		90	70-130		
Chloroethane	17.8		µg/kg wet		20.0		89	55.3-130		
Chloroform	20.4		µg/kg wet		20.0		102	70-130		
Chloromethane	20.2		µg/kg wet		20.0		101	70-130		
2-Chlorotoluene	17.8		µg/kg wet		20.0		89	70-130		
4-Chlorotoluene	19.1		µg/kg wet		20.0		96	70-130		
1,2-Dibromo-3-chloropropane	16.7		µg/kg wet		20.0		84	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031790 - SW846 5035A Soil (low level)										
LCS (7031790-BS1)										
Prepared & Analyzed: 29-Mar-07										
Dibromochloromethane	22.1		µg/kg wet		20.0		110	64.7-139		
1,2-Dibromoethane (EDB)	23.1		µg/kg wet		20.0		116	70-130		
Dibromomethane	21.5		µg/kg wet		20.0		108	70-130		
1,2-Dichlorobenzene	17.9		µg/kg wet		20.0		90	70-130		
1,3-Dichlorobenzene	17.8		µg/kg wet		20.0		89	70-130		
1,4-Dichlorobenzene	17.5		µg/kg wet		20.0		88	70-130		
Dichlorodifluoromethane (Freon12)	17.4		µg/kg wet		20.0		87	34.4-167		
1,1-Dichloroethane	21.7		µg/kg wet		20.0		108	70-130		
1,2-Dichloroethane	19.8		µg/kg wet		20.0		99	70-130		
1,1-Dichloroethene	18.5		µg/kg wet		20.0		92	70-130		
cis-1,2-Dichloroethene	21.2		µg/kg wet		20.0		106	70-130		
trans-1,2-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130		
1,2-Dichloropropane	22.2		µg/kg wet		20.0		111	70-130		
1,3-Dichloropropane	22.6		µg/kg wet		20.0		113	70-130		
2,2-Dichloropropane	17.8		µg/kg wet		20.0		89	70-130		
1,1-Dichloropropene	19.8		µg/kg wet		20.0		99	70-130		
cis-1,3-Dichloropropene	22.2		µg/kg wet		20.0		111	70-130		
trans-1,3-Dichloropropene	24.3		µg/kg wet		20.0		122	70-130		
Ethylbenzene	18.3		µg/kg wet		20.0		92	70-130		
Hexachlorobutadiene	17.6		µg/kg wet		20.0		88	60.7-140		
2-Hexanone (MBK)	16.2		µg/kg wet		20.0		81	70-130		
Isopropylbenzene	17.3		µg/kg wet		20.0		86	70-130		
4-Isopropyltoluene	18.1		µg/kg wet		20.0		90	70-130		
Methyl tert-butyl ether	21.8		µg/kg wet		20.0		109	70-130		
4-Methyl-2-pentanone (MIBK)	14.1		µg/kg wet		20.0		70	46.1-145		
Methylene chloride	18.7		µg/kg wet		20.0		94	70-130		
Naphthalene	18.5		µg/kg wet		20.0		92	70-130		
n-Propylbenzene	17.9		µg/kg wet		20.0		90	70-130		
Styrene	18.6		µg/kg wet		20.0		93	70-130		
1,1,1,2-Tetrachloroethane	19.5		µg/kg wet		20.0		98	70-130		
1,1,2,2-Tetrachloroethane	16.4		µg/kg wet		20.0		82	70-130		
Tetrachloroethene	21.0		µg/kg wet		20.0		105	70-130		
Toluene	20.7		µg/kg wet		20.0		104	70-130		
1,2,3-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,2,4-Trichlorobenzene	18.3		µg/kg wet		20.0		92	70-130		
1,1,1-Trichloroethane	18.6		µg/kg wet		20.0		93	70-130		
1,1,2-Trichloroethane	23.4		µg/kg wet		20.0		117	70-130		
Trichloroethene	23.3		µg/kg wet		20.0		116	70-130		
Trichlorofluoromethane (Freon 11)	18.6		µg/kg wet		20.0		93	56.8-140		
1,2,3-Trichloropropane	21.5		µg/kg wet		20.0		108	70-130		
1,2,4-Trimethylbenzene	18.9		µg/kg wet		20.0		94	70-130		
1,3,5-Trimethylbenzene	18.6		µg/kg wet		20.0		93	70-130		
Vinyl chloride	21.7		µg/kg wet		20.0		108	70-130		
m,p-Xylene	35.5		µg/kg wet		40.0		89	70-130		
o-Xylene	17.5		µg/kg wet		20.0		88	70-130		
Tetrahydrofuran	20.5		µg/kg wet		20.0		102	70-130		
Ethyl ether	20.3		µg/kg wet		20.0		102	65.3-130		
Tert-amyl methyl ether	21.8		µg/kg wet		20.0		109	70-130		
Ethyl tert-butyl ether	23.7		µg/kg wet		20.0		118	70-130		
Di-isopropyl ether	20.9		µg/kg wet		20.0		104	70-130		
Tert-Butanol / butyl alcohol	204		µg/kg wet		200		102	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031790 - SW846 5035A Soil (low level)										
LCS (7031790-BS1)										
Prepared & Analyzed: 29-Mar-07										
1,4-Dioxane	98.2		µg/kg wet		200		49	34-155		
Surrogate: 4-Bromofluorobenzene	*52.0*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*55.3*		µg/kg wet		*50.0*		*111*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.4*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*52.8*		µg/kg wet		*50.0*		*106*	*70-130*		
LCS Dup (7031790-BSD1)										
Prepared & Analyzed: 29-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.6		µg/kg wet		20.0		93	70-130	9	25
Acetone	15.1		µg/kg wet		20.0		76	1.77-175	11	50
Acrylonitrile	21.9		µg/kg wet		20.0		110	70-130	4	25
Benzene	22.2		µg/kg wet		20.0		111	70-130	7	25
Bromobenzene	17.1		µg/kg wet		20.0		86	70-130	0	25
Bromochloromethane	20.1		µg/kg wet		20.0		100	70-130	6	25
Bromodichloromethane	23.6		µg/kg wet		20.0		118	70-130	3	25
Bromoform	19.7		µg/kg wet		20.0		98	70-130	1	25
Bromomethane	20.7		µg/kg wet		20.0		104	55.3-136	0	50
2-Butanone (MEK)	14.2		µg/kg wet		20.0		71	38.8-142	1	50
n-Butylbenzene	18.6		µg/kg wet		20.0		93	70-130	4	25
sec-Butylbenzene	17.7		µg/kg wet		20.0		88	70-130	0	25
tert-Butylbenzene	18.4		µg/kg wet		20.0		92	70-130	0	25
Carbon disulfide	18.3		µg/kg wet		20.0		92	70-130	3	25
Carbon tetrachloride	19.3		µg/kg wet		20.0		96	70-130	3	25
Chlorobenzene	19.1		µg/kg wet		20.0		96	70-130	6	25
Chloroethane	21.1		µg/kg wet		20.0		106	55.3-130	17	50
Chloroform	20.2		µg/kg wet		20.0		101	70-130	1	25
Chloromethane	21.0		µg/kg wet		20.0		105	70-130	4	25
2-Chlorotoluene	18.6		µg/kg wet		20.0		93	70-130	4	25
4-Chlorotoluene	19.2		µg/kg wet		20.0		96	70-130	0	25
1,2-Dibromo-3-chloropropane	18.3		µg/kg wet		20.0		92	70-130	9	25
Dibromochloromethane	23.5		µg/kg wet		20.0		118	64.7-139	7	50
1,2-Dibromoethane (EDB)	20.7		µg/kg wet		20.0		104	70-130	11	25
Dibromomethane	21.1		µg/kg wet		20.0		106	70-130	2	25
1,2-Dichlorobenzene	17.8		µg/kg wet		20.0		89	70-130	1	25
1,3-Dichlorobenzene	18.8		µg/kg wet		20.0		94	70-130	5	25
1,4-Dichlorobenzene	17.6		µg/kg wet		20.0		88	70-130	0	25
Dichlorodifluoromethane (Freon12)	22.2		µg/kg wet		20.0		111	34.4-167	24	50
1,1-Dichloroethane	21.6		µg/kg wet		20.0		108	70-130	0	25
1,2-Dichloroethane	21.2		µg/kg wet		20.0		106	70-130	7	25
1,1-Dichloroethene	17.2		µg/kg wet		20.0		86	70-130	7	25
cis-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130	6	25
trans-1,2-Dichloroethene	21.6		µg/kg wet		20.0		108	70-130	10	25
1,2-Dichloropropane	21.5		µg/kg wet		20.0		108	70-130	3	25
1,3-Dichloropropane	22.0		µg/kg wet		20.0		110	70-130	3	25
2,2-Dichloropropane	18.1		µg/kg wet		20.0		90	70-130	1	25
1,1-Dichloropropene	20.6		µg/kg wet		20.0		103	70-130	4	25
cis-1,3-Dichloropropene	23.4		µg/kg wet		20.0		117	70-130	5	25
trans-1,3-Dichloropropene	23.0		µg/kg wet		20.0		115	70-130	6	25
Ethylbenzene	18.9		µg/kg wet		20.0		94	70-130	2	25
Hexachlorobutadiene	18.4		µg/kg wet		20.0		92	60.7-140	4	50
2-Hexanone (MBK)	16.6		µg/kg wet		20.0		83	70-130	2	25
Isopropylbenzene	17.3		µg/kg wet		20.0		86	70-130	0	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031790 - SW846 5035A Soil (low level)										
LCS Dup (7031790-BSD1)										
Prepared & Analyzed: 29-Mar-07										
4-Isopropyltoluene	18.9		µg/kg wet		20.0		94	70-130	4	25
Methyl tert-butyl ether	21.8		µg/kg wet		20.0		109	70-130	0	25
4-Methyl-2-pentanone (MIBK)	22.0		µg/kg wet		20.0		110	46.1-145	44	50
Methylene chloride	20.0		µg/kg wet		20.0		100	70-130	6	25
Naphthalene	20.5		µg/kg wet		20.0		102	70-130	10	25
n-Propylbenzene	18.2		µg/kg wet		20.0		91	70-130	1	25
Styrene	18.6		µg/kg wet		20.0		93	70-130	0	25
1,1,1,2-Tetrachloroethane	19.5		µg/kg wet		20.0		98	70-130	0	25
1,1,2,2-Tetrachloroethane	16.6		µg/kg wet		20.0		83	70-130	1	25
Tetrachloroethene	19.3		µg/kg wet		20.0		96	70-130	9	25
Toluene	20.0		µg/kg wet		20.0		100	70-130	4	25
1,2,3-Trichlorobenzene	19.7		µg/kg wet		20.0		98	70-130	4	25
1,2,4-Trichlorobenzene	18.7		µg/kg wet		20.0		94	70-130	2	25
1,1,1-Trichloroethane	19.2		µg/kg wet		20.0		96	70-130	3	25
1,1,2-Trichloroethane	24.9		µg/kg wet		20.0		124	70-130	6	25
Trichloroethene	23.7		µg/kg wet		20.0		118	70-130	2	25
Trichlorofluoromethane (Freon 11)	18.9		µg/kg wet		20.0		94	56.8-140	1	50
1,2,3-Trichloropropane	21.2		µg/kg wet		20.0		106	70-130	2	25
1,2,4-Trimethylbenzene	19.1		µg/kg wet		20.0		96	70-130	2	25
1,3,5-Trimethylbenzene	18.0		µg/kg wet		20.0		90	70-130	3	25
Vinyl chloride	23.4		µg/kg wet		20.0		117	70-130	8	25
m,p-Xylene	36.4		µg/kg wet		40.0		91	70-130	2	25
o-Xylene	19.5		µg/kg wet		20.0		98	70-130	11	25
Tetrahydrofuran	21.3		µg/kg wet		20.0		106	70-130	4	25
Ethyl ether	20.7		µg/kg wet		20.0		104	65.3-130	2	50
Tert-amyl methyl ether	22.3		µg/kg wet		20.0		112	70-130	3	25
Ethyl tert-butyl ether	24.1		µg/kg wet		20.0		120	70-130	2	25
Di-isopropyl ether	20.9		µg/kg wet		20.0		104	70-130	0	25
Tert-Butanol / butyl alcohol	174		µg/kg wet		200		87	70-130	16	25
1,4-Dioxane	244	QR2	µg/kg wet		200		122	34-155	85	25
Surrogate: 4-Bromofluorobenzene	*50.5*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*56.1*		µg/kg wet		*50.0*		*112*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.1*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*52.3*		µg/kg wet		*50.0*		*105*	*70-130*		
Batch 7031797 - SW846 5030 Water MS										
Blank (7031797-BLK1)										
Prepared & Analyzed: 29-Mar-07										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031797 - SW846 5030 Water MS										
Blank (7031797-BLK1)										
Prepared & Analyzed: 29-Mar-07										
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031797 - SW846 5030 Water MS										
Blank (7031797-BLK1)										
Prepared & Analyzed: 29-Mar-07										
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	*45.9*		µg/l		*50.0*		*92*	*70-130*		
Surrogate: Toluene-d8	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.6*		µg/l		*50.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*51.6*		µg/l		*50.0*		*103*	*70-130*		
LCS (7031797-BS1)										
Prepared & Analyzed: 29-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.2		µg/l		20.0		111	70-130		
Acetone	14.1		µg/l		20.0		70	41.1-147		
Acrylonitrile	23.4		µg/l		20.0		117	70-130		
Benzene	21.4		µg/l		20.0		107	70-130		
Bromobenzene	19.9		µg/l		20.0		100	70-130		
Bromochloromethane	20.3		µg/l		20.0		102	70-130		
Bromodichloromethane	21.2		µg/l		20.0		106	70-130		
Bromoform	20.6		µg/l		20.0		103	70-130		
Bromomethane	21.4		µg/l		20.0		107	62-136		
2-Butanone (MEK)	15.6		µg/l		20.0		78	53.9-133		
n-Butylbenzene	20.4		µg/l		20.0		102	70-130		
sec-Butylbenzene	18.9		µg/l		20.0		94	70-130		
tert-Butylbenzene	18.8		µg/l		20.0		94	70-130		
Carbon disulfide	20.0		µg/l		20.0		100	70-130		
Carbon tetrachloride	20.6		µg/l		20.0		103	70-130		
Chlorobenzene	20.3		µg/l		20.0		102	70-130		
Chloroethane	21.6		µg/l		20.0		108	62.8-132		
Chloroform	21.5		µg/l		20.0		108	70-130		
Chloromethane	24.3		µg/l		20.0		122	70-130		
2-Chlorotoluene	21.8		µg/l		20.0		109	70-130		
4-Chlorotoluene	21.8		µg/l		20.0		109	70-130		
1,2-Dibromo-3-chloropropane	26.1		µg/l		20.0		130	70-130		
Dibromochloromethane	20.9		µg/l		20.0		104	70-143		
1,2-Dibromoethane (EDB)	21.8		µg/l		20.0		109	70-130		
Dibromomethane	21.0		µg/l		20.0		105	70-130		
1,2-Dichlorobenzene	22.1		µg/l		20.0		110	70-130		
1,3-Dichlorobenzene	20.8		µg/l		20.0		104	70-130		
1,4-Dichlorobenzene	20.2		µg/l		20.0		101	70-130		
Dichlorodifluoromethane (Freon12)	27.2		µg/l		20.0		136	39.3-167		
1,1-Dichloroethane	21.5		µg/l		20.0		108	70-130		
1,2-Dichloroethane	22.0		µg/l		20.0		110	70-130		
1,1-Dichloroethene	20.2		µg/l		20.0		101	70-130		
cis-1,2-Dichloroethene	22.1		µg/l		20.0		110	70-130		
trans-1,2-Dichloroethene	20.1		µg/l		20.0		100	70-130		
1,2-Dichloropropane	22.4		µg/l		20.0		112	70-130		
1,3-Dichloropropane	22.3		µg/l		20.0		112	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031797 - SW846 5030 Water MS										
LCS (7031797-BS1)										
Prepared & Analyzed: 29-Mar-07										
2,2-Dichloropropane	20.2		µg/l		20.0		101	70-130		
1,1-Dichloropropene	21.3		µg/l		20.0		106	70-130		
cis-1,3-Dichloropropene	22.1		µg/l		20.0		110	70-130		
trans-1,3-Dichloropropene	23.8		µg/l		20.0		119	70-130		
Ethylbenzene	21.5		µg/l		20.0		108	70-130		
Hexachlorobutadiene	21.1		µg/l		20.0		106	70-136		
2-Hexanone (MBK)	15.2		µg/l		20.0		76	56.3-131		
Isopropylbenzene	19.4		µg/l		20.0		97	70-130		
4-Isopropyltoluene	20.3		µg/l		20.0		102	70-130		
Methyl tert-butyl ether	22.6		µg/l		20.0		113	70-130		
4-Methyl-2-pentanone (MIBK)	21.7		µg/l		20.0		108	70-130		
Methylene chloride	19.4		µg/l		20.0		97	70-130		
Naphthalene	21.3		µg/l		20.0		106	70-130		
n-Propylbenzene	19.3		µg/l		20.0		96	70-130		
Styrene	19.2		µg/l		20.0		96	70-130		
1,1,1,2-Tetrachloroethane	20.3		µg/l		20.0		102	70-130		
1,1,2,2-Tetrachloroethane	22.2		µg/l		20.0		111	70-130		
Tetrachloroethene	19.3		µg/l		20.0		96	70-130		
Toluene	20.0		µg/l		20.0		100	70-130		
1,2,3-Trichlorobenzene	22.0		µg/l		20.0		110	70-130		
1,2,4-Trichlorobenzene	20.3		µg/l		20.0		102	70-130		
1,1,1-Trichloroethane	20.3		µg/l		20.0		102	70-130		
1,1,2-Trichloroethane	22.9		µg/l		20.0		114	70-130		
Trichloroethene	20.4		µg/l		20.0		102	70-130		
Trichlorofluoromethane (Freon 11)	22.6		µg/l		20.0		113	70-130		
1,2,3-Trichloropropane	25.2		µg/l		20.0		126	70-130		
1,2,4-Trimethylbenzene	19.9		µg/l		20.0		100	70-130		
1,3,5-Trimethylbenzene	19.3		µg/l		20.0		96	70-130		
Vinyl chloride	27.2	QC1	µg/l		20.0		136	70-130		
m,p-Xylene	40.6		µg/l		40.0		102	70-130		
o-Xylene	20.6		µg/l		20.0		103	70-130		
Tetrahydrofuran	24.7		µg/l		20.0		124	70-130		
Ethyl ether	22.6		µg/l		20.0		113	70-130		
Tert-amyl methyl ether	22.0		µg/l		20.0		110	70-130		
Ethyl tert-butyl ether	23.5		µg/l		20.0		118	70-130		
Di-isopropyl ether	22.5		µg/l		20.0		112	70-130		
Tert-Butanol / butyl alcohol	242		µg/l		200		121	70-130		
1,4-Dioxane	231		µg/l		200		116	70-130		
Surrogate: 4-Bromofluorobenzene	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.1*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/l		*50.0*		*100*	*70-130*		
LCS Dup (7031797-BSD1)										
Prepared & Analyzed: 29-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.6		µg/l		20.0		108	70-130	3	25
Acetone	15.7		µg/l		20.0		78	41.1-147	11	50
Acrylonitrile	22.6		µg/l		20.0		113	70-130	3	25
Benzene	20.7		µg/l		20.0		104	70-130	3	25
Bromobenzene	19.4		µg/l		20.0		97	70-130	3	25
Bromochloromethane	20.3		µg/l		20.0		102	70-130	0	25
Bromodichloromethane	20.6		µg/l		20.0		103	70-130	3	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031797 - SW846 5030 Water MS										
LCS Dup (7031797-BSD1)										
Prepared & Analyzed: 29-Mar-07										
Bromoform	20.6		µg/l		20.0		103	70-130	0	25
Bromomethane	20.6		µg/l		20.0		103	62-136	4	50
2-Butanone (MEK)	15.5		µg/l		20.0		78	53.9-133	0	50
n-Butylbenzene	19.4		µg/l		20.0		97	70-130	5	25
sec-Butylbenzene	18.1		µg/l		20.0		90	70-130	4	25
tert-Butylbenzene	18.3		µg/l		20.0		92	70-130	2	25
Carbon disulfide	18.8		µg/l		20.0		94	70-130	6	25
Carbon tetrachloride	19.6		µg/l		20.0		98	70-130	5	25
Chlorobenzene	19.9		µg/l		20.0		100	70-130	2	25
Chloroethane	20.9		µg/l		20.0		104	62.8-132	4	50
Chloroform	20.5		µg/l		20.0		102	70-130	6	25
Chloromethane	22.8		µg/l		20.0		114	70-130	7	25
2-Chlorotoluene	21.0		µg/l		20.0		105	70-130	4	25
4-Chlorotoluene	20.6		µg/l		20.0		103	70-130	6	25
1,2-Dibromo-3-chloropropane	24.5		µg/l		20.0		122	70-130	6	25
Dibromochloromethane	20.7		µg/l		20.0		104	70-143	0	50
1,2-Dibromoethane (EDB)	20.8		µg/l		20.0		104	70-130	5	25
Dibromomethane	20.4		µg/l		20.0		102	70-130	3	25
1,2-Dichlorobenzene	21.4		µg/l		20.0		107	70-130	3	25
1,3-Dichlorobenzene	20.2		µg/l		20.0		101	70-130	3	25
1,4-Dichlorobenzene	19.5		µg/l		20.0		98	70-130	3	25
Dichlorodifluoromethane (Freon12)	25.7		µg/l		20.0		128	39.3-167	6	50
1,1-Dichloroethane	20.8		µg/l		20.0		104	70-130	4	25
1,2-Dichloroethane	21.7		µg/l		20.0		108	70-130	2	25
1,1-Dichloroethene	19.3		µg/l		20.0		96	70-130	5	25
cis-1,2-Dichloroethene	21.2		µg/l		20.0		106	70-130	4	25
trans-1,2-Dichloroethene	19.2		µg/l		20.0		96	70-130	4	25
1,2-Dichloropropane	21.9		µg/l		20.0		110	70-130	2	25
1,3-Dichloropropane	21.6		µg/l		20.0		108	70-130	4	25
2,2-Dichloropropane	19.3		µg/l		20.0		96	70-130	5	25
1,1-Dichloropropene	20.3		µg/l		20.0		102	70-130	4	25
cis-1,3-Dichloropropene	21.3		µg/l		20.0		106	70-130	4	25
trans-1,3-Dichloropropene	22.9		µg/l		20.0		114	70-130	4	25
Ethylbenzene	20.6		µg/l		20.0		103	70-130	5	25
Hexachlorobutadiene	19.5		µg/l		20.0		98	70-136	8	50
2-Hexanone (MBK)	15.8		µg/l		20.0		79	56.3-131	4	25
Isopropylbenzene	18.7		µg/l		20.0		94	70-130	3	25
4-Isopropyltoluene	19.8		µg/l		20.0		99	70-130	3	25
Methyl tert-butyl ether	22.3		µg/l		20.0		112	70-130	0.9	25
4-Methyl-2-pentanone (MIBK)	20.2		µg/l		20.0		101	70-130	7	50
Methylene chloride	19.2		µg/l		20.0		96	70-130	1	25
Naphthalene	20.0		µg/l		20.0		100	70-130	6	25
n-Propylbenzene	18.7		µg/l		20.0		94	70-130	2	25
Styrene	18.9		µg/l		20.0		94	70-130	2	25
1,1,1,2-Tetrachloroethane	19.6		µg/l		20.0		98	70-130	4	25
1,1,2,2-Tetrachloroethane	21.7		µg/l		20.0		108	70-130	3	25
Tetrachloroethene	18.7		µg/l		20.0		94	70-130	2	25
Toluene	19.3		µg/l		20.0		96	70-130	4	25
1,2,3-Trichlorobenzene	20.7		µg/l		20.0		104	70-130	6	25
1,2,4-Trichlorobenzene	18.9		µg/l		20.0		94	70-130	8	25
1,1,1-Trichloroethane	19.6		µg/l		20.0		98	70-130	4	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031797 - SW846 5030 Water MS										
LCS Dup (7031797-BSD1)										
Prepared & Analyzed: 29-Mar-07										
1,1,2-Trichloroethane	22.4		µg/l		20.0		112	70-130	2	25
Trichloroethene	19.2		µg/l		20.0		96	70-130	6	25
Trichlorofluoromethane (Freon 11)	21.5		µg/l		20.0		108	70-130	5	50
1,2,3-Trichloropropane	24.6		µg/l		20.0		123	70-130	2	25
1,2,4-Trimethylbenzene	19.1		µg/l		20.0		96	70-130	4	25
1,3,5-Trimethylbenzene	18.7		µg/l		20.0		94	70-130	2	25
Vinyl chloride	25.4		µg/l		20.0		127	70-130	7	25
m,p-Xylene	39.6		µg/l		40.0		99	70-130	3	25
o-Xylene	20.4		µg/l		20.0		102	70-130	1	25
Tetrahydrofuran	24.0		µg/l		20.0		120	70-130	3	25
Ethyl ether	21.9		µg/l		20.0		110	70-130	3	50
Tert-amyl methyl ether	21.4		µg/l		20.0		107	70-130	3	25
Ethyl tert-butyl ether	22.9		µg/l		20.0		114	70-130	3	25
Di-isopropyl ether	22.3		µg/l		20.0		112	70-130	0	25
Tert-Butanol / butyl alcohol	235		µg/l		200		118	70-130	3	25
1,4-Dioxane	218		µg/l		200		109	70-130	6	25
Surrogate: 4-Bromofluorobenzene	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.8*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Matrix Spike (7031797-MS1)	**Source: SA59697-15**									
Prepared & Analyzed: 29-Mar-07										
Benzene	18.6		µg/l		20.0	BRL	93	70-130		
Chlorobenzene	18.9		µg/l		20.0	BRL	94	70-130		
1,1-Dichloroethene	21.2		µg/l		20.0	BRL	106	70-130		
Toluene	18.8		µg/l		20.0	BRL	94	70-130		
Trichloroethene	19.2		µg/l		20.0	0.530	93	70-130		
Surrogate: 4-Bromofluorobenzene	*45.4*		µg/l		*50.0*		*91*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.8*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Matrix Spike Dup (7031797-MSD1)	**Source: SA59697-15**									
Prepared & Analyzed: 29-Mar-07										
Benzene	18.9		µg/l		20.0	BRL	94	70-130	1	30
Chlorobenzene	19.4		µg/l		20.0	BRL	97	70-130	3	30
1,1-Dichloroethene	21.2		µg/l		20.0	BRL	106	70-130	0	30
Toluene	19.3		µg/l		20.0	BRL	96	70-130	2	30
Trichloroethene	19.4		µg/l		20.0	0.530	94	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*45.0*		µg/l		*50.0*		*90*	*70-130*		
Surrogate: Toluene-d8	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.5*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Batch 7031830 - SW846 5030 Soil (high level)										
Blank (7031830-BLK1)										
Prepared & Analyzed: 29-Mar-07										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031830 - SW846 5030 Soil (high level)										
Blank (7031830-BLK1)										
Prepared & Analyzed: 29-Mar-07										
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031830 - SW846 5030 Soil (high level)										
Blank (7031830-BLK1)										
Prepared & Analyzed: 29-Mar-07										
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	*30.4*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.1*		µg/kg wet		*30.0*		*90*	*70-130*		
Surrogate: Dibromofluoromethane	*29.1*		µg/kg wet		*30.0*		*97*	*70-130*		
LCS (7031830-BS1)										
Prepared & Analyzed: 29-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.9		µg/kg wet		20.0		94	70-130		
Acetone	10.8		µg/kg wet		20.0		54	1.77-175		
Acrylonitrile	19.3		µg/kg wet		20.0		96	70-130		
Benzene	21.9		µg/kg wet		20.0		110	70-130		
Bromobenzene	21.8		µg/kg wet		20.0		109	70-130		
Bromochloromethane	21.4		µg/kg wet		20.0		107	70-130		
Bromodichloromethane	22.3		µg/kg wet		20.0		112	70-130		
Bromoform	22.2		µg/kg wet		20.0		111	70-130		
Bromomethane	22.2		µg/kg wet		20.0		111	55.3-136		
2-Butanone (MEK)	13.3		µg/kg wet		20.0		66	38.8-142		
n-Butylbenzene	16.5		µg/kg wet		20.0		82	70-130		
sec-Butylbenzene	18.8		µg/kg wet		20.0		94	70-130		
tert-Butylbenzene	20.0		µg/kg wet		20.0		100	70-130		
Carbon disulfide	17.8		µg/kg wet		20.0		89	70-130		
Carbon tetrachloride	17.0		µg/kg wet		20.0		85	70-130		
Chlorobenzene	21.3		µg/kg wet		20.0		106	70-130		
Chloroethane	19.8		µg/kg wet		20.0		99	55.3-130		
Chloroform	20.9		µg/kg wet		20.0		104	70-130		
Chloromethane	21.0		µg/kg wet		20.0		105	70-130		
2-Chlorotoluene	21.0		µg/kg wet		20.0		105	70-130		
4-Chlorotoluene	20.7		µg/kg wet		20.0		104	70-130		
1,2-Dibromo-3-chloropropane	19.8		µg/kg wet		20.0		99	70-130		
Dibromochloromethane	21.5		µg/kg wet		20.0		108	64.7-139		
1,2-Dibromoethane (EDB)	22.2		µg/kg wet		20.0		111	70-130		
Dibromomethane	20.8		µg/kg wet		20.0		104	70-130		
1,2-Dichlorobenzene	21.5		µg/kg wet		20.0		108	70-130		
1,3-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130		
1,4-Dichlorobenzene	20.8		µg/kg wet		20.0		104	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031830 - SW846 5030 Soil (high level)										
LCS (7031830-BS1)										
Prepared & Analyzed: 29-Mar-07										
Dichlorodifluoromethane (Freon12)	20.3		µg/kg wet		20.0		102	34.4-167		
1,1-Dichloroethane	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dichloroethane	19.5		µg/kg wet		20.0		98	70-130		
1,1-Dichloroethene	19.1		µg/kg wet		20.0		96	70-130		
cis-1,2-Dichloroethene	21.8		µg/kg wet		20.0		109	70-130		
trans-1,2-Dichloroethene	19.8		µg/kg wet		20.0		99	70-130		
1,2-Dichloropropane	22.0		µg/kg wet		20.0		110	70-130		
1,3-Dichloropropane	21.4		µg/kg wet		20.0		107	70-130		
2,2-Dichloropropane	16.6		µg/kg wet		20.0		83	70-130		
1,1-Dichloropropene	20.6		µg/kg wet		20.0		103	70-130		
cis-1,3-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130		
trans-1,3-Dichloropropene	21.0		µg/kg wet		20.0		105	70-130		
Ethylbenzene	20.7		µg/kg wet		20.0		104	70-130		
Hexachlorobutadiene	18.3		µg/kg wet		20.0		92	60.7-140		
2-Hexanone (MBK)	12.7	QC1	µg/kg wet		20.0		64	70-130		
Isopropylbenzene	19.4		µg/kg wet		20.0		97	70-130		
4-Isopropyltoluene	19.2		µg/kg wet		20.0		96	70-130		
Methyl tert-butyl ether	20.4		µg/kg wet		20.0		102	70-130		
4-Methyl-2-pentanone (MIBK)	17.7		µg/kg wet		20.0		88	46.1-145		
Methylene chloride	19.5		µg/kg wet		20.0		98	70-130		
Naphthalene	18.5		µg/kg wet		20.0		92	70-130		
n-Propylbenzene	17.2		µg/kg wet		20.0		86	70-130		
Styrene	22.7		µg/kg wet		20.0		114	70-130		
1,1,1,2-Tetrachloroethane	21.5		µg/kg wet		20.0		108	70-130		
1,1,2,2-Tetrachloroethane	20.3		µg/kg wet		20.0		102	70-130		
Tetrachloroethene	17.9		µg/kg wet		20.0		90	70-130		
Toluene	19.6		µg/kg wet		20.0		98	70-130		
1,2,3-Trichlorobenzene	19.2		µg/kg wet		20.0		96	70-130		
1,2,4-Trichlorobenzene	19.1		µg/kg wet		20.0		96	70-130		
1,1,1-Trichloroethane	18.3		µg/kg wet		20.0		92	70-130		
1,1,2-Trichloroethane	22.2		µg/kg wet		20.0		111	70-130		
Trichloroethene	21.1		µg/kg wet		20.0		106	70-130		
Trichlorofluoromethane (Freon 11)	17.9		µg/kg wet		20.0		90	56.8-140		
1,2,3-Trichloropropane	23.6		µg/kg wet		20.0		118	70-130		
1,2,4-Trimethylbenzene	20.4		µg/kg wet		20.0		102	70-130		
1,3,5-Trimethylbenzene	20.7		µg/kg wet		20.0		104	70-130		
Vinyl chloride	19.3		µg/kg wet		20.0		96	70-130		
m,p-Xylene	41.4		µg/kg wet		40.0		104	70-130		
o-Xylene	21.8		µg/kg wet		20.0		109	70-130		
Tetrahydrofuran	20.6		µg/kg wet		20.0		103	70-130		
Ethyl ether	21.1		µg/kg wet		20.0		106	65.3-130		
Tert-amyl methyl ether	19.8		µg/kg wet		20.0		99	70-130		
Ethyl tert-butyl ether	20.1		µg/kg wet		20.0		100	70-130		
Di-isopropyl ether	18.6		µg/kg wet		20.0		93	70-130		
Tert-Butanol / butyl alcohol	182		µg/kg wet		200		91	70-130		
1,4-Dioxane	178		µg/kg wet		200		89	34-155		
Surrogate: 4-Bromofluorobenzene	*30.6*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.1*		µg/kg wet		*30.0*		*90*	*70-130*		
Surrogate: Dibromofluoromethane	*29.5*		µg/kg wet		*30.0*		*98*	*70-130*		
LCS Dup (7031830-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031830 - SW846 5030 Soil (high level)										
Prepared & Analyzed: 29-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.0		µg/kg wet		20.0		90	70-130	4	25
Acetone	10.5		µg/kg wet		20.0		52	1.77-175	4	50
Acrylonitrile	19.1		µg/kg wet		20.0		96	70-130	0	25
Benzene	20.7		µg/kg wet		20.0		104	70-130	6	25
Bromobenzene	21.2		µg/kg wet		20.0		106	70-130	3	25
Bromochloromethane	20.9		µg/kg wet		20.0		104	70-130	3	25
Bromodichloromethane	21.3		µg/kg wet		20.0		106	70-130	6	25
Bromoform	22.2		µg/kg wet		20.0		111	70-130	0	25
Bromomethane	21.7		µg/kg wet		20.0		108	55.3-136	3	50
2-Butanone (MEK)	13.1		µg/kg wet		20.0		66	38.8-142	0	50
n-Butylbenzene	16.0		µg/kg wet		20.0		80	70-130	2	25
sec-Butylbenzene	17.9		µg/kg wet		20.0		90	70-130	4	25
tert-Butylbenzene	19.3		µg/kg wet		20.0		96	70-130	4	25
Carbon disulfide	17.5		µg/kg wet		20.0		88	70-130	1	25
Carbon tetrachloride	16.2		µg/kg wet		20.0		81	70-130	5	25
Chlorobenzene	20.4		µg/kg wet		20.0		102	70-130	4	25
Chloroethane	18.3		µg/kg wet		20.0		92	55.3-130	7	50
Chloroform	20.0		µg/kg wet		20.0		100	70-130	4	25
Chloromethane	19.4		µg/kg wet		20.0		97	70-130	8	25
2-Chlorotoluene	19.9		µg/kg wet		20.0		100	70-130	5	25
4-Chlorotoluene	20.0		µg/kg wet		20.0		100	70-130	4	25
1,2-Dibromo-3-chloropropane	19.8		µg/kg wet		20.0		99	70-130	0	25
Dibromochloromethane	21.1		µg/kg wet		20.0		106	64.7-139	2	50
1,2-Dibromoethane (EDB)	22.2		µg/kg wet		20.0		111	70-130	0	25
Dibromomethane	20.2		µg/kg wet		20.0		101	70-130	3	25
1,2-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	2	25
1,3-Dichlorobenzene	20.3		µg/kg wet		20.0		102	70-130	4	25
1,4-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	2	25
Dichlorodifluoromethane (Freon12)	20.1		µg/kg wet		20.0		100	34.4-167	2	50
1,1-Dichloroethane	19.6		µg/kg wet		20.0		98	70-130	4	25
1,2-Dichloroethane	19.0		µg/kg wet		20.0		95	70-130	3	25
1,1-Dichloroethene	17.6		µg/kg wet		20.0		88	70-130	9	25
cis-1,2-Dichloroethene	20.3		µg/kg wet		20.0		102	70-130	7	25
trans-1,2-Dichloroethene	18.6		µg/kg wet		20.0		93	70-130	6	25
1,2-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130	7	25
1,3-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130	0.9	25
2,2-Dichloropropane	15.4		µg/kg wet		20.0		77	70-130	8	25
1,1-Dichloropropene	19.5		µg/kg wet		20.0		98	70-130	5	25
cis-1,3-Dichloropropene	20.1		µg/kg wet		20.0		100	70-130	2	25
trans-1,3-Dichloropropene	20.8		µg/kg wet		20.0		104	70-130	1	25
Ethylbenzene	19.9		µg/kg wet		20.0		100	70-130	4	25
Hexachlorobutadiene	17.5		µg/kg wet		20.0		88	60.7-140	4	50
2-Hexanone (MBK)	12.7	QC2	µg/kg wet		20.0		64	70-130	0	25
Isopropylbenzene	18.7		µg/kg wet		20.0		94	70-130	3	25
4-Isopropyltoluene	18.5		µg/kg wet		20.0		92	70-130	4	25
Methyl tert-butyl ether	19.8		µg/kg wet		20.0		99	70-130	3	25
4-Methyl-2-pentanone (MIBK)	18.2		µg/kg wet		20.0		91	46.1-145	3	50
Methylene chloride	18.2		µg/kg wet		20.0		91	70-130	7	25
Naphthalene	18.8		µg/kg wet		20.0		94	70-130	2	25
n-Propylbenzene	16.2		µg/kg wet		20.0		81	70-130	6	25
Styrene	21.9		µg/kg wet		20.0		110	70-130	4	25
1,1,1,2-Tetrachloroethane	21.2		µg/kg wet		20.0		106	70-130	2	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031830 - SW846 5030 Soil (high level)										
LCS Dup (7031830-BSD1)										
Prepared & Analyzed: 29-Mar-07										
1,1,2,2-Tetrachloroethane	20.1		µg/kg wet		20.0		100	70-130	2	25
Tetrachloroethene	18.8		µg/kg wet		20.0		94	70-130	4	25
Toluene	18.8		µg/kg wet		20.0		94	70-130	4	25
1,2,3-Trichlorobenzene	18.7		µg/kg wet		20.0		94	70-130	2	25
1,2,4-Trichlorobenzene	18.3		µg/kg wet		20.0		92	70-130	4	25
1,1,1-Trichloroethane	17.3		µg/kg wet		20.0		86	70-130	7	25
1,1,2-Trichloroethane	22.1		µg/kg wet		20.0		110	70-130	0.9	25
Trichloroethene	20.0		µg/kg wet		20.0		100	70-130	6	25
Trichlorofluoromethane (Freon 11)	17.0		µg/kg wet		20.0		85	56.8-140	6	50
1,2,3-Trichloropropane	23.1		µg/kg wet		20.0		116	70-130	2	25
1,2,4-Trimethylbenzene	19.5		µg/kg wet		20.0		98	70-130	4	25
1,3,5-Trimethylbenzene	20.2		µg/kg wet		20.0		101	70-130	3	25
Vinyl chloride	18.2		µg/kg wet		20.0		91	70-130	5	25
m,p-Xylene	40.6		µg/kg wet		40.0		102	70-130	2	25
o-Xylene	21.3		µg/kg wet		20.0		106	70-130	3	25
Tetrahydrofuran	19.1		µg/kg wet		20.0		96	70-130	7	25
Ethyl ether	20.1		µg/kg wet		20.0		100	65.3-130	6	50
Tert-amyl methyl ether	19.4		µg/kg wet		20.0		97	70-130	2	25
Ethyl tert-butyl ether	19.5		µg/kg wet		20.0		98	70-130	2	25
Di-isopropyl ether	18.0		µg/kg wet		20.0		90	70-130	3	25
Tert-Butanol / butyl alcohol	184		µg/kg wet		200		92	70-130	1	25
1,4-Dioxane	190		µg/kg wet		200		95	34-155	7	25
Surrogate: 4-Bromofluorobenzene	*30.4*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.9*		µg/kg wet		*30.0*		*90*	*70-130*		
Surrogate: Dibromofluoromethane	*29.4*		µg/kg wet		*30.0*		*98*	*70-130*		
Matrix Spike (7031830-MS1)	**Source: SA59813-02**									
Prepared & Analyzed: 29-Mar-07										
Benzene	21.6		µg/kg dry		20.0	BRL	108	70-130		
Chlorobenzene	22.1		µg/kg dry		20.0	BRL	110	70-130		
1,1-Dichloroethene	20.8		µg/kg dry		20.0	BRL	104	70-130		
Toluene	21.1		µg/kg dry		20.0	BRL	106	70-130		
Trichloroethene	22.1		µg/kg dry		20.0	BRL	110	70-130		
Surrogate: 4-Bromofluorobenzene	*30.3*		µg/kg dry		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*31.8*		µg/kg dry		*30.0*		*106*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.7*		µg/kg dry		*30.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*29.5*		µg/kg dry		*30.0*		*98*	*70-130*		
Matrix Spike Dup (7031830-MSD1)	**Source: SA59813-02**									
Prepared & Analyzed: 29-Mar-07										
Benzene	21.0		µg/kg dry		20.0	BRL	105	70-130	3	30
Chlorobenzene	21.8		µg/kg dry		20.0	BRL	109	70-130	0.9	30
1,1-Dichloroethene	19.3		µg/kg dry		20.0	BRL	96	70-130	8	30
Toluene	21.1		µg/kg dry		20.0	BRL	106	70-130	0	30
Trichloroethene	21.3		µg/kg dry		20.0	BRL	106	70-130	4	30
Surrogate: 4-Bromofluorobenzene	*30.3*		µg/kg dry		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*31.7*		µg/kg dry		*30.0*		*106*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.4*		µg/kg dry		*30.0*		*88*	*70-130*		
Surrogate: Dibromofluoromethane	*29.4*		µg/kg dry		*30.0*		*98*	*70-130*		
Batch 7031875 - SW846 5030 Soil (high level)										
Blank (7031875-BLK1)										
Prepared & Analyzed: 30-Mar-07										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031875 - SW846 5030 Soil (high level)										
Blank (7031875-BLK1)										
Prepared & Analyzed: 30-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	20.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031875 - SW846 5030 Soil (high level)										
Blank (7031875-BLK1)										
Prepared & Analyzed: 30-Mar-07										
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
Surrogate: 4-Bromofluorobenzene	*29.6*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*29.0*		µg/kg wet		*30.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.5*		µg/kg wet		*30.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*29.7*		µg/kg wet		*30.0*		*99*	*70-130*		
LCS (7031875-BS1)										
Prepared & Analyzed: 30-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.6		µg/kg wet		20.0		88	70-130		
Acetone	12.3		µg/kg wet		20.0		62	1.77-175		
Acrylonitrile	20.0		µg/kg wet		20.0		100	70-130		
Benzene	21.2		µg/kg wet		20.0		106	70-130		
Bromobenzene	21.6		µg/kg wet		20.0		108	70-130		
Bromochloromethane	21.2		µg/kg wet		20.0		106	70-130		
Bromodichloromethane	21.1		µg/kg wet		20.0		106	70-130		
Bromoform	21.9		µg/kg wet		20.0		110	70-130		
Bromomethane	21.4		µg/kg wet		20.0		107	55.3-136		
2-Butanone (MEK)	13.8		µg/kg wet		20.0		69	38.8-142		
n-Butylbenzene	16.2		µg/kg wet		20.0		81	70-130		
sec-Butylbenzene	18.4		µg/kg wet		20.0		92	70-130		
tert-Butylbenzene	19.8		µg/kg wet		20.0		99	70-130		
Carbon disulfide	21.1		µg/kg wet		20.0		106	70-130		
Carbon tetrachloride	16.0		µg/kg wet		20.0		80	70-130		
Chlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
Chloroethane	19.5		µg/kg wet		20.0		98	55.3-130		
Chloroform	20.4		µg/kg wet		20.0		102	70-130		
Chloromethane	20.9		µg/kg wet		20.0		104	70-130		
2-Chlorotoluene	20.0		µg/kg wet		20.0		100	70-130		
4-Chlorotoluene	20.5		µg/kg wet		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	18.9		µg/kg wet		20.0		94	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031875 - SW846 5030 Soil (high level)										
LCS (7031875-BS1)										
Prepared & Analyzed: 30-Mar-07										
Dibromochloromethane	20.8		µg/kg wet		20.0		104	64.7-139		
1,2-Dibromoethane (EDB)	21.1		µg/kg wet		20.0		106	70-130		
Dibromomethane	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dichlorobenzene	21.3		µg/kg wet		20.0		106	70-130		
1,3-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,4-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
Dichlorodifluoromethane (Freon12)	19.9		µg/kg wet		20.0		100	34.4-167		
1,1-Dichloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,2-Dichloroethane	19.8		µg/kg wet		20.0		99	70-130		
1,1-Dichloroethene	18.5		µg/kg wet		20.0		92	70-130		
cis-1,2-Dichloroethene	21.4		µg/kg wet		20.0		107	70-130		
trans-1,2-Dichloroethene	19.9		µg/kg wet		20.0		100	70-130		
1,2-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130		
1,3-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130		
2,2-Dichloropropane	15.8		µg/kg wet		20.0		79	70-130		
1,1-Dichloropropene	19.7		µg/kg wet		20.0		98	70-130		
cis-1,3-Dichloropropene	19.5		µg/kg wet		20.0		98	70-130		
trans-1,3-Dichloropropene	20.1		µg/kg wet		20.0		100	70-130		
Ethylbenzene	20.2		µg/kg wet		20.0		101	70-130		
Hexachlorobutadiene	17.7		µg/kg wet		20.0		88	60.7-140		
2-Hexanone (MBK)	13.1	QC1	µg/kg wet		20.0		66	70-130		
Isopropylbenzene	19.3		µg/kg wet		20.0		96	70-130		
4-Isopropyltoluene	18.8		µg/kg wet		20.0		94	70-130		
Methyl tert-butyl ether	20.7		µg/kg wet		20.0		104	70-130		
4-Methyl-2-pentanone (MIBK)	17.4		µg/kg wet		20.0		87	46.1-145		
Methylene chloride	19.2		µg/kg wet		20.0		96	70-130		
Naphthalene	19.0		µg/kg wet		20.0		95	70-130		
n-Propylbenzene	17.1		µg/kg wet		20.0		86	70-130		
Styrene	22.4		µg/kg wet		20.0		112	70-130		
1,1,1,2-Tetrachloroethane	21.6		µg/kg wet		20.0		108	70-130		
1,1,2,2-Tetrachloroethane	20.6		µg/kg wet		20.0		103	70-130		
Tetrachloroethene	17.4		µg/kg wet		20.0		87	70-130		
Toluene	18.6		µg/kg wet		20.0		93	70-130		
1,2,3-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,2,4-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,1,1-Trichloroethane	17.6		µg/kg wet		20.0		88	70-130		
1,1,2-Trichloroethane	21.8		µg/kg wet		20.0		109	70-130		
Trichloroethene	20.0		µg/kg wet		20.0		100	70-130		
Trichlorofluoromethane (Freon 11)	17.0		µg/kg wet		20.0		85	56.8-140		
1,2,3-Trichloropropane	23.4		µg/kg wet		20.0		117	70-130		
1,2,4-Trimethylbenzene	20.4		µg/kg wet		20.0		102	70-130		
1,3,5-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130		
Vinyl chloride	18.5		µg/kg wet		20.0		92	70-130		
m,p-Xylene	41.4		µg/kg wet		40.0		104	70-130		
o-Xylene	21.8		µg/kg wet		20.0		109	70-130		
Tetrahydrofuran	18.5		µg/kg wet		20.0		92	70-130		
Ethyl ether	21.4		µg/kg wet		20.0		107	65.3-130		
Tert-amyl methyl ether	18.7		µg/kg wet		20.0		94	70-130		
Ethyl tert-butyl ether	20.1		µg/kg wet		20.0		100	70-130		
Di-isopropyl ether	18.2		µg/kg wet		20.0		91	70-130		
Tert-Butanol / butyl alcohol	198		µg/kg wet		200		99	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031875 - SW846 5030 Soil (high level)										
LCS (7031875-BS1)										
Prepared & Analyzed: 30-Mar-07										
1,4-Dioxane	192		µg/kg wet		200		96	34-155		
Surrogate: 4-Bromofluorobenzene	*30.4*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*28.9*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.2*		µg/kg wet		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*29.0*		µg/kg wet		*30.0*		*97*	*70-130*		
LCS Dup (7031875-BSD1)										
Prepared & Analyzed: 30-Mar-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.6		µg/kg wet		20.0		88	70-130	0	25
Acetone	12.6		µg/kg wet		20.0		63	1.77-175	2	50
Acrylonitrile	21.5		µg/kg wet		20.0		108	70-130	8	25
Benzene	20.6		µg/kg wet		20.0		103	70-130	3	25
Bromobenzene	21.6		µg/kg wet		20.0		108	70-130	0	25
Bromochloromethane	21.4		µg/kg wet		20.0		107	70-130	0.9	25
Bromodichloromethane	21.4		µg/kg wet		20.0		107	70-130	0.9	25
Bromoform	22.8		µg/kg wet		20.0		114	70-130	4	25
Bromomethane	21.7		µg/kg wet		20.0		108	55.3-136	0.9	50
2-Butanone (MEK)	14.6		µg/kg wet		20.0		73	38.8-142	6	50
n-Butylbenzene	15.6		µg/kg wet		20.0		78	70-130	4	25
sec-Butylbenzene	17.6		µg/kg wet		20.0		88	70-130	4	25
tert-Butylbenzene	18.8		µg/kg wet		20.0		94	70-130	5	25
Carbon disulfide	17.4		µg/kg wet		20.0		87	70-130	20	25
Carbon tetrachloride	15.7		µg/kg wet		20.0		78	70-130	3	25
Chlorobenzene	20.7		µg/kg wet		20.0		104	70-130	2	25
Chloroethane	19.2		µg/kg wet		20.0		96	55.3-130	2	50
Chloroform	20.0		µg/kg wet		20.0		100	70-130	2	25
Chloromethane	20.3		µg/kg wet		20.0		102	70-130	2	25
2-Chlorotoluene	19.1		µg/kg wet		20.0		96	70-130	4	25
4-Chlorotoluene	19.6		µg/kg wet		20.0		98	70-130	4	25
1,2-Dibromo-3-chloropropane	20.4		µg/kg wet		20.0		102	70-130	8	25
Dibromochloromethane	21.7		µg/kg wet		20.0		108	64.7-139	4	50
1,2-Dibromoethane (EDB)	22.4		µg/kg wet		20.0		112	70-130	6	25
Dibromomethane	20.7		µg/kg wet		20.0		104	70-130	2	25
1,2-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	0	25
1,3-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130	4	25
1,4-Dichlorobenzene	20.3		µg/kg wet		20.0		102	70-130	1	25
Dichlorodifluoromethane (Freon12)	18.9		µg/kg wet		20.0		94	34.4-167	6	50
1,1-Dichloroethane	19.5		µg/kg wet		20.0		98	70-130	3	25
1,2-Dichloroethane	19.2		µg/kg wet		20.0		96	70-130	3	25
1,1-Dichloroethene	17.9		µg/kg wet		20.0		90	70-130	2	25
cis-1,2-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130	3	25
trans-1,2-Dichloroethene	19.5		µg/kg wet		20.0		98	70-130	2	25
1,2-Dichloropropane	20.9		µg/kg wet		20.0		104	70-130	2	25
1,3-Dichloropropane	22.0		µg/kg wet		20.0		110	70-130	7	25
2,2-Dichloropropane	15.4		µg/kg wet		20.0		77	70-130	3	25
1,1-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	2	25
cis-1,3-Dichloropropene	20.3		µg/kg wet		20.0		102	70-130	4	25
trans-1,3-Dichloropropene	21.3		µg/kg wet		20.0		106	70-130	6	25
Ethylbenzene	20.2		µg/kg wet		20.0		101	70-130	0	25
Hexachlorobutadiene	17.0		µg/kg wet		20.0		85	60.7-140	3	50
2-Hexanone (MBK)	14.5		µg/kg wet		20.0		72	70-130	9	25
Isopropylbenzene	18.5		µg/kg wet		20.0		92	70-130	4	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031875 - SW846 5030 Soil (high level)										
LCS Dup (7031875-BSD1)										
Prepared & Analyzed: 30-Mar-07										
4-Isopropyltoluene	18.0		µg/kg wet		20.0		90	70-130	4	25
Methyl tert-butyl ether	21.1		µg/kg wet		20.0		106	70-130	2	25
4-Methyl-2-pentanone (MIBK)	19.1		µg/kg wet		20.0		96	46.1-145	10	50
Methylene chloride	19.0		µg/kg wet		20.0		95	70-130	1	25
Naphthalene	20.3		µg/kg wet		20.0		102	70-130	7	25
n-Propylbenzene	16.2		µg/kg wet		20.0		81	70-130	6	25
Styrene	22.1		µg/kg wet		20.0		110	70-130	2	25
1,1,1,2-Tetrachloroethane	21.1		µg/kg wet		20.0		106	70-130	2	25
1,1,2,2-Tetrachloroethane	21.4		µg/kg wet		20.0		107	70-130	4	25
Tetrachloroethene	17.2		µg/kg wet		20.0		86	70-130	1	25
Toluene	18.7		µg/kg wet		20.0		94	70-130	1	25
1,2,3-Trichlorobenzene	19.3		µg/kg wet		20.0		96	70-130	2	25
1,2,4-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130	0	25
1,1,1-Trichloroethane	17.6		µg/kg wet		20.0		88	70-130	0	25
1,1,2-Trichloroethane	22.7		µg/kg wet		20.0		114	70-130	4	25
Trichloroethene	20.0		µg/kg wet		20.0		100	70-130	0	25
Trichlorofluoromethane (Freon 11)	16.6		µg/kg wet		20.0		83	56.8-140	2	50
1,2,3-Trichloropropane	25.1		µg/kg wet		20.0		126	70-130	7	25
1,2,4-Trimethylbenzene	19.8		µg/kg wet		20.0		99	70-130	3	25
1,3,5-Trimethylbenzene	20.1		µg/kg wet		20.0		100	70-130	4	25
Vinyl chloride	17.7		µg/kg wet		20.0		88	70-130	4	25
m,p-Xylene	41.2		µg/kg wet		40.0		103	70-130	1	25
o-Xylene	21.3		µg/kg wet		20.0		106	70-130	3	25
Tetrahydrofuran	22.1		µg/kg wet		20.0		110	70-130	18	25
Ethyl ether	21.4		µg/kg wet		20.0		107	65.3-130	0	50
Tert-amyl methyl ether	19.3		µg/kg wet		20.0		96	70-130	2	25
Ethyl tert-butyl ether	20.4		µg/kg wet		20.0		102	70-130	2	25
Di-isopropyl ether	18.4		µg/kg wet		20.0		92	70-130	1	25
Tert-Butanol / butyl alcohol	217		µg/kg wet		200		108	70-130	9	25
1,4-Dioxane	220		µg/kg wet		200		110	34-155	14	25
Surrogate: 4-Bromofluorobenzene	*30.4*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*29.4*		µg/kg wet		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.1*		µg/kg wet		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*29.2*		µg/kg wet		*30.0*		*97*	*70-130*		
Matrix Spike (7031875-MS1)	**Source: SA59891-01**									
Prepared & Analyzed: 30-Mar-07										
Benzene	19.4		µg/kg wet		20.0	BRL	97	70-130		
Chlorobenzene	21.0		µg/kg wet		20.0	BRL	105	70-130		
1,1-Dichloroethene	16.9		µg/kg wet		20.0	BRL	84	70-130		
Toluene	19.2		µg/kg wet		20.0	BRL	96	70-130		
Trichloroethene	19.4		µg/kg wet		20.0	BRL	97	70-130		
Surrogate: 4-Bromofluorobenzene	*30.7*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*30.9*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.7*		µg/kg wet		*30.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*30.3*		µg/kg wet		*30.0*		*101*	*70-130*		
Matrix Spike Dup (7031875-MSD1)	**Source: SA59891-01**									
Prepared & Analyzed: 30-Mar-07										
Benzene	20.8		µg/kg wet		20.0	BRL	104	70-130	7	30
Chlorobenzene	21.8		µg/kg wet		20.0	BRL	109	70-130	4	30
1,1-Dichloroethene	19.0		µg/kg wet		20.0	BRL	95	70-130	12	30
Toluene	20.7		µg/kg wet		20.0	BRL	104	70-130	8	30

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031875 - SW846 5030 Soil (high level)										
Matrix Spike Dup (7031875-MSD1) Source: SA59891-01										
Prepared & Analyzed: 30-Mar-07										
Trichloroethene	21.3		µg/kg wet		20.0	BRL	106	70-130	9	30
Surrogate: 4-Bromofluorobenzene	*30.6*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*31.3*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.0*		µg/kg wet		*30.0*		*90*	*70-130*		
Surrogate: Dibromofluoromethane	*29.5*		µg/kg wet		*30.0*		*98*	*70-130*		
Batch 7040017 - SW846 5030 Soil (high level)										
Blank (7040017-BLK1)										
Prepared & Analyzed: 02-Apr-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	20.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7040017 - SW846 5030 Soil (high level)										
Blank (7040017-BLK1)										
Prepared & Analyzed: 02-Apr-07										
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	*28.6*		µg/kg wet		*30.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*29.5*		µg/kg wet		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.4*		µg/kg wet		*30.0*		*108*	*70-130*		
Surrogate: Dibromofluoromethane	*34.0*		µg/kg wet		*30.0*		*113*	*70-130*		
LCS (7040017-BS1)										
Prepared & Analyzed: 02-Apr-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	26.0		µg/kg wet		20.0		130	70-130		
Acetone	22.8		µg/kg wet		20.0		114	1.77-175		
Acrylonitrile	22.9		µg/kg wet		20.0		114	70-130		
Benzene	20.6		µg/kg wet		20.0		103	70-130		
Bromobenzene	21.6		µg/kg wet		20.0		108	70-130		
Bromochloromethane	24.6		µg/kg wet		20.0		123	70-130		
Bromodichloromethane	22.4		µg/kg wet		20.0		112	70-130		
Bromoform	23.2		µg/kg wet		20.0		116	70-130		
Bromomethane	26.0		µg/kg wet		20.0		130	55.3-136		
2-Butanone (MEK)	18.8		µg/kg wet		20.0		94	38.8-142		
n-Butylbenzene	18.8		µg/kg wet		20.0		94	70-130		
sec-Butylbenzene	19.4		µg/kg wet		20.0		97	70-130		
tert-Butylbenzene	20.3		µg/kg wet		20.0		102	70-130		
Carbon disulfide	23.3		µg/kg wet		20.0		116	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7040017 - SW846 5030 Soil (high level)										
LCS (7040017-BS1)										
Prepared & Analyzed: 02-Apr-07										
Carbon tetrachloride	22.3		µg/kg wet		20.0		112	70-130		
Chlorobenzene	21.6		µg/kg wet		20.0		108	70-130		
Chloroethane	23.0		µg/kg wet		20.0		115	55.3-130		
Chloroform	23.4		µg/kg wet		20.0		117	70-130		
Chloromethane	23.2		µg/kg wet		20.0		116	70-130		
2-Chlorotoluene	20.1		µg/kg wet		20.0		100	70-130		
4-Chlorotoluene	21.1		µg/kg wet		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	20.6		µg/kg wet		20.0		103	70-130		
Dibromochloromethane	22.0		µg/kg wet		20.0		110	64.7-139		
1,2-Dibromoethane (EDB)	21.1		µg/kg wet		20.0		106	70-130		
Dibromomethane	21.2		µg/kg wet		20.0		106	70-130		
1,2-Dichlorobenzene	22.0		µg/kg wet		20.0		110	70-130		
1,3-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130		
1,4-Dichlorobenzene	21.9		µg/kg wet		20.0		110	70-130		
Dichlorodifluoromethane (Freon12)	20.1		µg/kg wet		20.0		100	34.4-167		
1,1-Dichloroethane	24.5		µg/kg wet		20.0		122	70-130		
1,2-Dichloroethane	22.2		µg/kg wet		20.0		111	70-130		
1,1-Dichloroethene	24.2		µg/kg wet		20.0		121	70-130		
cis-1,2-Dichloroethene	25.5		µg/kg wet		20.0		128	70-130		
trans-1,2-Dichloroethene	24.6		µg/kg wet		20.0		123	70-130		
1,2-Dichloropropane	21.9		µg/kg wet		20.0		110	70-130		
1,3-Dichloropropane	21.4		µg/kg wet		20.0		107	70-130		
2,2-Dichloropropane	23.7		µg/kg wet		20.0		118	70-130		
1,1-Dichloropropene	23.0		µg/kg wet		20.0		115	70-130		
cis-1,3-Dichloropropene	22.3		µg/kg wet		20.0		112	70-130		
trans-1,3-Dichloropropene	23.7		µg/kg wet		20.0		118	70-130		
Ethylbenzene	21.1		µg/kg wet		20.0		106	70-130		
Hexachlorobutadiene	20.1		µg/kg wet		20.0		100	60.7-140		
2-Hexanone (MBK)	15.6		µg/kg wet		20.0		78	70-130		
Isopropylbenzene	20.1		µg/kg wet		20.0		100	70-130		
4-Isopropyltoluene	20.0		µg/kg wet		20.0		100	70-130		
Methyl tert-butyl ether	23.2		µg/kg wet		20.0		116	70-130		
4-Methyl-2-pentanone (MIBK)	17.7		µg/kg wet		20.0		88	46.1-145		
Methylene chloride	23.0		µg/kg wet		20.0		115	70-130		
Naphthalene	20.9		µg/kg wet		20.0		104	70-130		
n-Propylbenzene	17.3		µg/kg wet		20.0		86	70-130		
Styrene	22.6		µg/kg wet		20.0		113	70-130		
1,1,1,2-Tetrachloroethane	22.7		µg/kg wet		20.0		114	70-130		
1,1,2,2-Tetrachloroethane	20.7		µg/kg wet		20.0		104	70-130		
Tetrachloroethene	19.6		µg/kg wet		20.0		98	70-130		
Toluene	20.3		µg/kg wet		20.0		102	70-130		
1,2,3-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,2,4-Trichlorobenzene	20.7		µg/kg wet		20.0		104	70-130		
1,1,1-Trichloroethane	22.9		µg/kg wet		20.0		114	70-130		
1,1,2-Trichloroethane	22.2		µg/kg wet		20.0		111	70-130		
Trichloroethene	22.4		µg/kg wet		20.0		112	70-130		
Trichlorofluoromethane (Freon 11)	22.3		µg/kg wet		20.0		112	56.8-140		
1,2,3-Trichloropropane	23.0		µg/kg wet		20.0		115	70-130		
1,2,4-Trimethylbenzene	20.2		µg/kg wet		20.0		101	70-130		
1,3,5-Trimethylbenzene	21.4		µg/kg wet		20.0		107	70-130		
Vinyl chloride	22.0		µg/kg wet		20.0		110	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7040017 - SW846 5030 Soil (high level)										
LCS (7040017-BS1)										
Prepared & Analyzed: 02-Apr-07										
m,p-Xylene	43.5		µg/kg wet		40.0		109	70-130		
o-Xylene	22.2		µg/kg wet		20.0		111	70-130		
Tetrahydrofuran	21.6		µg/kg wet		20.0		108	70-130		
Ethyl ether	24.2		µg/kg wet		20.0		121	65.3-130		
Tert-amyl methyl ether	18.2		µg/kg wet		20.0		91	70-130		
Ethyl tert-butyl ether	23.8		µg/kg wet		20.0		119	70-130		
Di-isopropyl ether	21.8		µg/kg wet		20.0		109	70-130		
Tert-Butanol / butyl alcohol	211		µg/kg wet		200		106	70-130		
1,4-Dioxane	172		µg/kg wet		200		86	34-155		
Surrogate: 4-Bromofluorobenzene	*29.6*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*29.5*		µg/kg wet		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.4*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*33.1*		µg/kg wet		*30.0*		*110*	*70-130*		
LCS Dup (7040017-BSD1)										
Prepared & Analyzed: 02-Apr-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.2		µg/kg wet		20.0		126	70-130	3	25
Acetone	23.8		µg/kg wet		20.0		119	1.77-175	4	50
Acrylonitrile	23.8		µg/kg wet		20.0		119	70-130	4	25
Benzene	22.4		µg/kg wet		20.0		112	70-130	8	25
Bromobenzene	22.5		µg/kg wet		20.0		112	70-130	4	25
Bromochloromethane	25.0		µg/kg wet		20.0		125	70-130	2	25
Bromodichloromethane	22.4		µg/kg wet		20.0		112	70-130	0	25
Bromoform	23.1		µg/kg wet		20.0		116	70-130	0	25
Bromomethane	24.5		µg/kg wet		20.0		122	55.3-136	6	50
2-Butanone (MEK)	19.4		µg/kg wet		20.0		97	38.8-142	3	50
n-Butylbenzene	18.2		µg/kg wet		20.0		91	70-130	3	25
sec-Butylbenzene	19.3		µg/kg wet		20.0		96	70-130	1	25
tert-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130	2	25
Carbon disulfide	23.1		µg/kg wet		20.0		116	70-130	0	25
Carbon tetrachloride	20.1		µg/kg wet		20.0		100	70-130	11	25
Chlorobenzene	22.0		µg/kg wet		20.0		110	70-130	2	25
Chloroethane	22.7		µg/kg wet		20.0		114	55.3-130	0.9	50
Chloroform	23.3		µg/kg wet		20.0		116	70-130	0.9	25
Chloromethane	23.0		µg/kg wet		20.0		115	70-130	0.9	25
2-Chlorotoluene	19.8		µg/kg wet		20.0		99	70-130	1	25
4-Chlorotoluene	21.1		µg/kg wet		20.0		106	70-130	0	25
1,2-Dibromo-3-chloropropane	20.3		µg/kg wet		20.0		102	70-130	1	25
Dibromochloromethane	22.0		µg/kg wet		20.0		110	64.7-139	0	50
1,2-Dibromoethane (EDB)	21.7		µg/kg wet		20.0		108	70-130	2	25
Dibromomethane	20.8		µg/kg wet		20.0		104	70-130	2	25
1,2-Dichlorobenzene	22.3		µg/kg wet		20.0		112	70-130	2	25
1,3-Dichlorobenzene	21.8		µg/kg wet		20.0		109	70-130	3	25
1,4-Dichlorobenzene	22.1		µg/kg wet		20.0		110	70-130	0	25
Dichlorodifluoromethane (Freon12)	20.8		µg/kg wet		20.0		104	34.4-167	4	50
1,1-Dichloroethane	24.1		µg/kg wet		20.0		120	70-130	2	25
1,2-Dichloroethane	22.3		µg/kg wet		20.0		112	70-130	0.9	25
1,1-Dichloroethene	24.0		µg/kg wet		20.0		120	70-130	0.8	25
cis-1,2-Dichloroethene	25.6		µg/kg wet		20.0		128	70-130	0	25
trans-1,2-Dichloroethene	24.2		µg/kg wet		20.0		121	70-130	2	25
1,2-Dichloropropane	22.2		µg/kg wet		20.0		111	70-130	0.9	25
1,3-Dichloropropane	21.4		µg/kg wet		20.0		107	70-130	0	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7040017 - SW846 5030 Soil (high level)										
LCS Dup (7040017-BSD1)										
Prepared & Analyzed: 02-Apr-07										
2,2-Dichloropropane	23.2		µg/kg wet		20.0		116	70-130	2	25
1,1-Dichloropropene	22.9		µg/kg wet		20.0		114	70-130	0.9	25
cis-1,3-Dichloropropene	22.3		µg/kg wet		20.0		112	70-130	0	25
trans-1,3-Dichloropropene	24.0		µg/kg wet		20.0		120	70-130	2	25
Ethylbenzene	21.5		µg/kg wet		20.0		108	70-130	2	25
Hexachlorobutadiene	20.0		µg/kg wet		20.0		100	60.7-140	0	50
2-Hexanone (MBK)	16.1		µg/kg wet		20.0		80	70-130	3	25
Isopropylbenzene	20.1		µg/kg wet		20.0		100	70-130	0	25
4-Isopropyltoluene	19.7		µg/kg wet		20.0		98	70-130	2	25
Methyl tert-butyl ether	23.4		µg/kg wet		20.0		117	70-130	0.9	25
4-Methyl-2-pentanone (MIBK)	18.8		µg/kg wet		20.0		94	46.1-145	7	50
Methylene chloride	23.1		µg/kg wet		20.0		116	70-130	0.9	25
Naphthalene	20.0		µg/kg wet		20.0		100	70-130	4	25
n-Propylbenzene	17.3		µg/kg wet		20.0		86	70-130	0	25
Styrene	23.2		µg/kg wet		20.0		116	70-130	3	25
1,1,1,2-Tetrachloroethane	22.9		µg/kg wet		20.0		114	70-130	0	25
1,1,2,2-Tetrachloroethane	21.3		µg/kg wet		20.0		106	70-130	2	25
Tetrachloroethene	19.6		µg/kg wet		20.0		98	70-130	0	25
Toluene	20.2		µg/kg wet		20.0		101	70-130	1	25
1,2,3-Trichlorobenzene	20.9		µg/kg wet		20.0		104	70-130	4	25
1,2,4-Trichlorobenzene	20.5		µg/kg wet		20.0		102	70-130	2	25
1,1,1-Trichloroethane	22.5		µg/kg wet		20.0		112	70-130	2	25
1,1,2-Trichloroethane	22.4		µg/kg wet		20.0		112	70-130	0.9	25
Trichloroethene	21.8		µg/kg wet		20.0		109	70-130	3	25
Trichlorofluoromethane (Freon 11)	22.5		µg/kg wet		20.0		112	56.8-140	0	50
1,2,3-Trichloropropane	24.1		µg/kg wet		20.0		120	70-130	4	25
1,2,4-Trimethylbenzene	20.4		µg/kg wet		20.0		102	70-130	1	25
1,3,5-Trimethylbenzene	21.6		µg/kg wet		20.0		108	70-130	0.9	25
Vinyl chloride	21.8		µg/kg wet		20.0		109	70-130	0.9	25
m,p-Xylene	43.8		µg/kg wet		40.0		110	70-130	0.9	25
o-Xylene	22.4		µg/kg wet		20.0		112	70-130	0.9	25
Tetrahydrofuran	22.0		µg/kg wet		20.0		110	70-130	2	25
Ethyl ether	24.9		µg/kg wet		20.0		124	65.3-130	2	50
Tert-amyl methyl ether	18.4		µg/kg wet		20.0		92	70-130	1	25
Ethyl tert-butyl ether	24.2		µg/kg wet		20.0		121	70-130	2	25
Di-isopropyl ether	21.6		µg/kg wet		20.0		108	70-130	0.9	25
Tert-Butanol / butyl alcohol	231		µg/kg wet		200		116	70-130	9	25
1,4-Dioxane	190		µg/kg wet		200		95	34-155	10	25
Surrogate: 4-Bromofluorobenzene	*30.3*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*29.2*		µg/kg wet		*30.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.5*		µg/kg wet		*30.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*33.5*		µg/kg wet		*30.0*		*112*	*70-130*		
Matrix Spike (7040017-MS1)	**Source: SA59897-11**									
Prepared & Analyzed: 02-Apr-07										
Benzene	19.4		µg/kg dry		20.0	BRL	97	70-130		
Chlorobenzene	18.7		µg/kg dry		20.0	BRL	94	70-130		
1,1-Dichloroethene	22.5		µg/kg dry		20.0	BRL	112	70-130		
Toluene	20.7		µg/kg dry		20.0	2.79	90	70-130		
Trichloroethene	18.8		µg/kg dry		20.0	BRL	94	70-130		
Surrogate: 4-Bromofluorobenzene	*30.9*		µg/kg dry		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*30.6*		µg/kg dry		*30.0*		*102*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7040017 - SW846 5030 Soil (high level)										
Matrix Spike (7040017-MS1)	**Source: SA59897-11**									
Prepared & Analyzed: 02-Apr-07										
Surrogate: 1,2-Dichloroethane-d4	*31.4*		µg/kg dry		*30.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*33.7*		µg/kg dry		*30.0*		*112*	*70-130*		
Matrix Spike Dup (7040017-MSD1)	**Source: SA59897-11**									
Prepared & Analyzed: 02-Apr-07										
Benzene	22.5		µg/kg dry		20.0	BRL	112	70-130	14	30
Chlorobenzene	21.9		µg/kg dry		20.0	BRL	110	70-130	16	30
1,1-Dichloroethene	26.6	QM7	µg/kg dry		20.0	BRL	133	70-130	17	30
Toluene	24.2		µg/kg dry		20.0	2.79	107	70-130	17	30
Trichloroethene	22.4		µg/kg dry		20.0	BRL	112	70-130	17	30
Surrogate: 4-Bromofluorobenzene	*30.5*		µg/kg dry		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*30.4*		µg/kg dry		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.0*		µg/kg dry		*30.0*		*93*	*70-130*		
Surrogate: Dibromofluoromethane	*32.9*		µg/kg dry		*30.0*		*110*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031722 - SW846 3510C										
Blank (7031722-BLK1)										
Prepared: 28-Mar-07 Analyzed: 30-Mar-07										
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	*0.0333*		mg/l		*0.0500*		*67*	*40-140*		
LCS (7031722-BS1)										
Prepared: 28-Mar-07 Analyzed: 30-Mar-07										
C9-C36 Aliphatic Hydrocarbons	1.1		mg/l	0.05	1.40		79	60-120		
Surrogate: 1-Chlorooctadecane	*0.0405*		mg/l		*0.0500*		*81*	*60-120*		
Batch 7031772 - SW846 3550B										
Blank (7031772-BLK1)										
Prepared: 29-Mar-07 Analyzed: 30-Mar-07										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.34*		mg/kg wet		*3.33*		*70*	*40-140*		
LCS (7031772-BS1)										
Prepared: 29-Mar-07 Analyzed: 30-Mar-07										
C9-C36 Aliphatic Hydrocarbons	69.7		mg/kg wet	13.3	93.3		75	60-120		
Surrogate: 1-Chlorooctadecane	*2.63*		mg/kg wet		*3.33*		*79*	*60-120*		
Duplicate (7031772-DUP1)	**Source: SA59788-28**									
Prepared: 29-Mar-07 Analyzed: 30-Mar-07										
Gasoline	BRL		mg/kg dry	38.1		BRL				50
Fuel Oil #2	BRL		mg/kg dry	38.1		BRL				50
Fuel Oil #4	BRL		mg/kg dry	38.1		BRL				50
Fuel Oil #6	BRL		mg/kg dry	38.1		BRL				50
Motor Oil	BRL		mg/kg dry	38.1		BRL				50
Aviation Fuel	BRL		mg/kg dry	38.1		BRL				50
Unidentified	BRL		mg/kg dry	38.1		77.1				50
Other Oil	BRL		mg/kg dry	38.1		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	38.1		77.1				50
C9-C36 Aliphatic Hydrocarbons	25.2	J,QM4	mg/kg dry	38.1		77.1			101	50
Surrogate: 1-Chlorooctadecane	*3.59*		mg/kg dry		*4.77*		*75*	*40-140*		
Matrix Spike (7031772-MS1)	**Source: SA59788-28**									
Prepared: 29-Mar-07 Analyzed: 30-Mar-07										

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031772 - SW846 3550B										
Matrix Spike (7031772-MS1)	**Source: SA59788-28**									
Prepared: 29-Mar-07 Analyzed: 30-Mar-07										
C9-C36 Aliphatic Hydrocarbons	119	QM2	mg/kg dry	19.6	138	77.1	30	50-150		
Surrogate: 1-Chlorooctadecane	*3.79*		mg/kg dry		*4.91*		*77*	*40-140*		
Matrix Spike Dup (7031772-MSD1)	**Source: SA59788-28**									
Prepared: 29-Mar-07 Analyzed: 30-Mar-07										
C9-C36 Aliphatic Hydrocarbons	113	QM2	mg/kg dry	19.5	137	77.1	26	50-150	14	30
Surrogate: 1-Chlorooctadecane	*4.01*		mg/kg dry		*4.90*		*82*	*40-140*		
Batch 7031773 - SW846 3550B										
Blank (7031773-BLK1)										
Prepared: 29-Mar-07 Analyzed: 30-Mar-07										
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	*2.43*		mg/kg wet		*3.33*		*73*	*40-140*		
LCS (7031773-BS1)										
Prepared: 29-Mar-07 Analyzed: 30-Mar-07										
C9-C36 Aliphatic Hydrocarbons	85.1		mg/kg wet	13.3	93.3		91	60-120		
Surrogate: 1-Chlorooctadecane	*3.81*		mg/kg wet		*3.33*		*114*	*60-120*		
Duplicate (7031773-DUP1)	**Source: SA59807-11**									
Prepared: 29-Mar-07 Analyzed: 30-Mar-07										
Gasoline	BRL		mg/kg dry	23.1		BRL				50
Fuel Oil #2	BRL		mg/kg dry	23.1		BRL				50
Fuel Oil #4	BRL		mg/kg dry	23.1		BRL				50
Fuel Oil #6	Calculated as		mg/kg dry	23.1		BRL				50
Motor Oil	BRL		mg/kg dry	23.1		BRL				50
Aviation Fuel	BRL		mg/kg dry	23.1		BRL				50
Unidentified	121		mg/kg dry	23.1		113			7	50
Other Oil	BRL		mg/kg dry	23.1		BRL				50
Total Petroleum Hydrocarbons	121		mg/kg dry	23.1		113			7	50
C9-C36 Aliphatic Hydrocarbons	121		mg/kg dry	23.1		113			7	50
Surrogate: 1-Chlorooctadecane	*4.58*	S02	mg/kg dry		*2.90*		*158*	*40-140*		
Matrix Spike (7031773-MS1)	**Source: SA59807-11**									
Prepared: 29-Mar-07 Analyzed: 30-Mar-07										
C9-C36 Aliphatic Hydrocarbons	195		mg/kg dry	14.3	101	113	81	50-150		
Surrogate: 1-Chlorooctadecane	*5.49*	S02	mg/kg dry		*3.60*		*152*	*40-140*		
Matrix Spike Dup (7031773-MSD1)	**Source: SA59807-11**									
Prepared: 29-Mar-07 Analyzed: 30-Mar-07										
C9-C36 Aliphatic Hydrocarbons	216		mg/kg dry	14.4	101	113	102	50-150	23	30
Surrogate: 1-Chlorooctadecane	*5.89*	S02	mg/kg dry		*3.60*		*164*	*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 7031738 - SW846 3545A										
Blank (7031738-BLK1)										
Prepared: 28-Mar-07 Analyzed: 29-Mar-07										
PCB 1016	BRL		µg/kg wet	66.7						
PCB 1221	BRL		µg/kg wet	66.7						
PCB 1232	BRL		µg/kg wet	66.7						
PCB 1242	BRL		µg/kg wet	66.7						
PCB 1248	BRL		µg/kg wet	66.7						
PCB 1254	BRL		µg/kg wet	66.7						
PCB 1260	BRL		µg/kg wet	66.7						
PCB 1262	BRL		µg/kg wet	66.7						
PCB 1268	BRL		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*36.7*		µg/kg wet		*66.7*		*55*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
LCS (7031738-BS1)										
Prepared: 28-Mar-07 Analyzed: 29-Mar-07										
PCB 1016	920		µg/kg wet	66.7	833		110	40-140		
PCB 1260	980		µg/kg wet	66.7	833		118	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*33.3*		µg/kg wet		*66.7*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
LCS Dup (7031738-BSD1)										
Prepared: 28-Mar-07 Analyzed: 29-Mar-07										
PCB 1016	860		µg/kg wet	66.7	833		103	40-140	7	30
PCB 1260	953		µg/kg wet	66.7	833		114	40-140	3	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*33.3*		µg/kg wet		*66.7*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*50.0*		µg/kg wet		*66.7*		*75*	*30-150*		
Duplicate (7031738-DUP1)	**Source: SA59803-16**									
Prepared: 28-Mar-07 Analyzed: 30-Mar-07										
PCB 1016	BRL		µg/kg dry	68.6		BRL				40
PCB 1221	BRL		µg/kg dry	68.6		BRL				40
PCB 1232	BRL		µg/kg dry	68.6		BRL				40
PCB 1242	BRL		µg/kg dry	68.6		BRL				40
PCB 1248	BRL		µg/kg dry	68.6		BRL				40
PCB 1254	BRL		µg/kg dry	68.6		BRL				40
PCB 1260	BRL		µg/kg dry	68.6		BRL				40
PCB 1262	BRL		µg/kg dry	68.6		BRL				40
PCB 1268	BRL		µg/kg dry	68.6		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*44.5*		µg/kg dry		*68.5*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*65.1*		µg/kg dry		*68.5*		*95*	*30-150*		
Matrix Spike (7031738-MS1)	**Source: SA59803-16**									
Prepared: 28-Mar-07 Analyzed: 30-Mar-07										
PCB 1016	888		µg/kg dry	68.1	851	BRL	104	40-140		
PCB 1260	963		µg/kg dry	68.1	851	BRL	113	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*47.7*		µg/kg dry		*68.1*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*68.1*		µg/kg dry		*68.1*		*100*	*30-150*		
Matrix Spike Dup (7031738-MSD1)	**Source: SA59803-16**									
Prepared: 28-Mar-07 Analyzed: 30-Mar-07										
PCB 1016	942		µg/kg dry	69.8	872	BRL	108	40-140	4	50
PCB 1260	1130		µg/kg dry	69.8	872	BRL	130	40-140	14	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*45.4*		µg/kg dry		*69.8*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*76.7*		µg/kg dry		*69.8*		*110*	*30-150*		
Batch 7031739 - SW846 3545A										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031739 - SW846 3545A										
Blank (7031739-BLK1)										
Prepared: 28-Mar-07 Analyzed: 02-Apr-07										
Aldrin	BRL		µg/kg wet	33.4						
a-BHC	BRL		µg/kg wet	33.4						
b-BHC	BRL		µg/kg wet	33.4						
d-BHC	BRL		µg/kg wet	33.4						
g-BHC (Lindane)	BRL		µg/kg wet	33.4						
Chlordane	BRL		µg/kg wet	167						
4,4'-DDD (p,p')	BRL		µg/kg wet	33.4						
4,4'-DDE (p,p')	BRL		µg/kg wet	33.4						
4,4'-DDT (p,p')	BRL		µg/kg wet	33.4						
Dieldrin	BRL		µg/kg wet	33.4						
Endosulfan I	BRL		µg/kg wet	33.4						
Endosulfan II	BRL		µg/kg wet	33.4						
Endosulfan Sulfate	BRL		µg/kg wet	33.4						
Endrin	BRL		µg/kg wet	33.4						
Endrin Aldehyde	BRL		µg/kg wet	33.4						
Heptachlor	BRL		µg/kg wet	33.4						
Methoxychlor	BRL		µg/kg wet	33.4						
Heptachlor Epoxide	BRL		µg/kg wet	33.4						
Toxaphene	BRL		µg/kg wet	167						
a-Chlordane	BRL		µg/kg wet	33.4						
g-Chlordane	BRL		µg/kg wet	33.4						
Endrin Ketone	BRL		µg/kg wet	33.4						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*31.7*		µg/kg wet		*66.7*		*48*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*52.6*		µg/kg wet		*66.7*		*79*	*30-150*		
LCS (7031739-BS1)										
Prepared: 28-Mar-07 Analyzed: 02-Apr-07										
Aldrin	59.4		µg/kg wet	33.4	66.7		89	40-140		
a-BHC	53.4		µg/kg wet	33.4	66.7		80	40-140		
b-BHC	54.2		µg/kg wet	33.4	66.7		81	40-140		
d-BHC	22.0	Z-2a	µg/kg wet	33.4	66.7		33	40-140		
g-BHC (Lindane)	54.6		µg/kg wet	33.4	66.7		82	40-140		
4,4'-DDD (p,p')	62.1		µg/kg wet	33.4	66.7		93	40-140		
4,4'-DDE (p,p')	56.9		µg/kg wet	33.4	66.7		85	40-140		
4,4'-DDT (p,p')	55.4		µg/kg wet	33.4	66.7		83	40-140		
Dieldrin	55.9		µg/kg wet	33.4	66.7		84	40-140		
Endosulfan I	58.9		µg/kg wet	33.4	66.7		88	40-140		
Endosulfan II	61.6		µg/kg wet	33.4	66.7		92	40-140		
Endosulfan Sulfate	50.9		µg/kg wet	33.4	66.7		76	40-140		
Endrin	56.3		µg/kg wet	33.4	66.7		84	40-140		
Endrin Aldehyde	64.2		µg/kg wet	33.4	66.7		96	40-140		
Heptachlor	62.7		µg/kg wet	33.4	66.7		94	40-140		
Methoxychlor	62.4		µg/kg wet	33.4	66.7		94	40-140		
Heptachlor Epoxide	59.6		µg/kg wet	33.4	66.7		89	40-140		
a-Chlordane	58.5		µg/kg wet	33.4	66.7		88	40-140		
g-Chlordane	56.7		µg/kg wet	33.4	66.7		85	40-140		
Endrin Ketone	69.0		µg/kg wet	33.4	66.7		103	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*25.7*		µg/kg wet		*66.7*		*39*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*40.6*		µg/kg wet		*66.7*		*61*	*30-150*		
LCS Dup (7031739-BSD1)										
Prepared: 28-Mar-07 Analyzed: 02-Apr-07										
Aldrin	58.4		µg/kg wet	33.4	66.7		88	40-140	1	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 7031739 - SW846 3545A										
LCS Dup (7031739-BSD1)										
Prepared: 28-Mar-07 Analyzed: 02-Apr-07										
a-BHC	52.2		µg/kg wet	33.4	66.7		78	40-140	3	30
b-BHC	54.9		µg/kg wet	33.4	66.7		82	40-140	1	30
d-BHC	21.2	Z-2a	µg/kg wet	33.4	66.7		32	40-140	3	30
g-BHC (Lindane)	53.4		µg/kg wet	33.4	66.7		80	40-140	2	30
4,4'-DDD (p,p')	58.4		µg/kg wet	33.4	66.7		88	40-140	6	30
4,4'-DDE (p,p')	56.9		µg/kg wet	33.4	66.7		85	40-140	0	30
4,4'-DDT (p,p')	55.8		µg/kg wet	33.4	66.7		84	40-140	1	30
Dieldrin	55.3		µg/kg wet	33.4	66.7		83	40-140	1	30
Endosulfan I	63.1		µg/kg wet	33.4	66.7		95	40-140	8	30
Endosulfan II	59.0		µg/kg wet	33.4	66.7		88	40-140	4	30
Endosulfan Sulfate	51.3		µg/kg wet	33.4	66.7		77	40-140	1	30
Endrin	56.1		µg/kg wet	33.4	66.7		84	40-140	0	30
Endrin Aldehyde	59.7		µg/kg wet	33.4	66.7		90	40-140	6	30
Heptachlor	62.9		µg/kg wet	33.4	66.7		94	40-140	0	30
Methoxychlor	61.3		µg/kg wet	33.4	66.7		92	40-140	2	30
Heptachlor Epoxide	60.4		µg/kg wet	33.4	66.7		91	40-140	2	30
a-Chlordane	57.3		µg/kg wet	33.4	66.7		86	40-140	2	30
g-Chlordane	57.3		µg/kg wet	33.4	66.7		86	40-140	1	30
Endrin Ketone	65.8		µg/kg wet	33.4	66.7		99	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*25.5*		µg/kg wet		*66.7*		*38*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*37.5*		µg/kg wet		*66.7*		*56*	*30-150*		
Duplicate (7031739-DUP1)	**Source: SA59803-16**									
Prepared: 28-Mar-07 Analyzed: 02-Apr-07										
Aldrin	BRL		µg/kg dry	34.3		BRL				30
a-BHC	BRL		µg/kg dry	34.3		BRL				30
b-BHC	BRL		µg/kg dry	34.3		BRL				30
d-BHC	BRL		µg/kg dry	34.3		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	34.3		BRL				30
Chlordane	BRL		µg/kg dry	171		BRL				30
4,4'-DDD (p,p')	BRL		µg/kg dry	34.3		BRL				30
4,4'-DDE (p,p')	BRL		µg/kg dry	34.3		BRL				30
4,4'-DDT (p,p')	BRL		µg/kg dry	34.3		BRL				30
Dieldrin	BRL	R01	µg/kg dry	34.3		BRL				30
Endosulfan I	BRL		µg/kg dry	34.3		BRL				30
Endosulfan II	BRL		µg/kg dry	34.3		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	34.3		BRL				30
Endrin	BRL		µg/kg dry	34.3		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	34.3		BRL				30
Heptachlor	BRL		µg/kg dry	34.3		BRL				30
Methoxychlor	BRL		µg/kg dry	34.3		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	34.3		BRL				30
Toxaphene	BRL		µg/kg dry	171		BRL				30
a-Chlordane	BRL		µg/kg dry	34.3		BRL				30
g-Chlordane	BRL		µg/kg dry	34.3		BRL				30
Endrin Ketone	BRL		µg/kg dry	34.3		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*39.4*		µg/kg dry		*68.5*		*58*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*63.5*		µg/kg dry		*68.5*		*93*	*30-150*		
Matrix Spike (7031739-MS1)	**Source: SA59803-16**									
Prepared: 28-Mar-07 Analyzed: 02-Apr-07										
Aldrin	59.3		µg/kg dry	35.0	69.9	BRL	85	30-150		
a-BHC	49.7		µg/kg dry	35.0	69.9	BRL	71	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 7031739 - SW846 3545A										
Matrix Spike (7031739-MS1)	**Source: SA59803-16**									
Prepared: 28-Mar-07 Analyzed: 02-Apr-07										
b-BHC	54.4		µg/kg dry	35.0	69.9	BRL	78	30-150		
d-BHC	21.3		µg/kg dry	35.0	69.9	BRL	30	30-150		
g-BHC (Lindane)	53.5		µg/kg dry	35.0	69.9	BRL	77	30-150		
4,4'-DDD (p,p')	56.1		µg/kg dry	35.0	69.9	BRL	80	30-150		
4,4'-DDE (p,p')	56.3		µg/kg dry	35.0	69.9	BRL	81	30-150		
4,4'-DDT (p,p')	68.9		µg/kg dry	35.0	69.9	BRL	99	30-150		
Dieldrin	54.5		µg/kg dry	35.0	69.9	BRL	78	30-150		
Endosulfan I	58.4		µg/kg dry	35.0	69.9	BRL	84	30-150		
Endosulfan II	38.4		µg/kg dry	35.0	69.9	BRL	55	30-150		
Endosulfan Sulfate	26.7		µg/kg dry	35.0	69.9	BRL	38	30-150		
Endrin	56.5		µg/kg dry	35.0	69.9	BRL	81	30-150		
Endrin Aldehyde	23.6		µg/kg dry	35.0	69.9	BRL	34	30-150		
Heptachlor	62.0		µg/kg dry	35.0	69.9	BRL	89	30-150		
Methoxychlor	57.7		µg/kg dry	35.0	69.9	BRL	83	30-150		
Heptachlor Epoxide	60.3		µg/kg dry	35.0	69.9	BRL	86	30-150		
a-Chlordane	57.5		µg/kg dry	35.0	69.9	BRL	82	30-150		
g-Chlordane	56.6		µg/kg dry	35.0	69.9	BRL	81	30-150		
Endrin Ketone	45.1		µg/kg dry	35.0	69.9	BRL	65	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*43.6*		µg/kg dry		*69.9*		*62*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*67.8*		µg/kg dry		*69.9*		*97*	*30-150*		
Matrix Spike Dup (7031739-MSD1)	**Source: SA59803-16**									
Prepared: 28-Mar-07 Analyzed: 02-Apr-07										
Aldrin	61.0		µg/kg dry	35.0	69.9	BRL	87	30-150	2	30
a-BHC	50.5		µg/kg dry	35.0	69.9	BRL	72	30-150	1	30
b-BHC	56.7		µg/kg dry	35.0	69.9	BRL	81	30-150	4	30
d-BHC	22.1		µg/kg dry	35.0	69.9	BRL	32	30-150	6	30
g-BHC (Lindane)	53.6		µg/kg dry	35.0	69.9	BRL	77	30-150	0	30
4,4'-DDD (p,p')	58.9		µg/kg dry	35.0	69.9	BRL	84	30-150	5	30
4,4'-DDE (p,p')	58.6		µg/kg dry	35.0	69.9	BRL	84	30-150	4	30
4,4'-DDT (p,p')	72.9		µg/kg dry	35.0	69.9	BRL	104	30-150	5	30
Dieldrin	57.9		µg/kg dry	35.0	69.9	BRL	83	30-150	6	30
Endosulfan I	62.4		µg/kg dry	35.0	69.9	BRL	89	30-150	6	30
Endosulfan II	59.9	QM7	µg/kg dry	35.0	69.9	BRL	86	30-150	44	30
Endosulfan Sulfate	46.8	QM7	µg/kg dry	35.0	69.9	BRL	67	30-150	55	30
Endrin	62.1		µg/kg dry	35.0	69.9	BRL	89	30-150	9	30
Endrin Aldehyde	44.0	QM7	µg/kg dry	35.0	69.9	BRL	63	30-150	60	30
Heptachlor	63.2		µg/kg dry	35.0	69.9	BRL	90	30-150	1	30
Methoxychlor	70.1		µg/kg dry	35.0	69.9	BRL	100	30-150	19	30
Heptachlor Epoxide	62.6		µg/kg dry	35.0	69.9	BRL	90	30-150	5	30
a-Chlordane	61.7		µg/kg dry	35.0	69.9	BRL	88	30-150	7	50
g-Chlordane	58.1		µg/kg dry	35.0	69.9	BRL	83	30-150	2	50
Endrin Ketone	69.0		µg/kg dry	35.0	69.9	BRL	99	30-150	41	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*41.5*		µg/kg dry		*69.9*		*59*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*69.4*		µg/kg dry		*69.9*		*99*	*30-150*		
Batch 7031768 - SW846 3510C										
Blank (7031768-BLK1)										
Prepared & Analyzed: 29-Mar-07										
Aldrin	BRL		µg/l	0.0100						
a-BHC	BRL		µg/l	0.0100						
b-BHC	BRL		µg/l	0.0100						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031768 - SW846 3510C										
Blank (7031768-BLK1)										
Prepared & Analyzed: 29-Mar-07										
d-BHC	BRL		µg/l	0.0100						
g-BHC (Lindane)	BRL		µg/l	0.0100						
Chlordane	BRL		µg/l	0.0500						
4,4'-DDD (p,p')	BRL		µg/l	0.0100						
4,4'-DDE (p,p')	BRL		µg/l	0.0100						
4,4'-DDT (p,p')	BRL		µg/l	0.0100						
Dieldrin	BRL		µg/l	0.0020						
Endosulfan I	BRL		µg/l	0.0100						
Endosulfan II	BRL		µg/l	0.0100						
Endosulfan Sulfate	BRL		µg/l	0.0100						
Endrin	BRL		µg/l	0.0100						
Endrin Aldehyde	BRL		µg/l	0.0100						
Heptachlor	BRL		µg/l	0.0100						
Methoxychlor	BRL		µg/l	0.0100						
Heptachlor Epoxide	BRL		µg/l	0.0100						
Toxaphene	BRL		µg/l	0.0500						
a-Chlordane	BRL		µg/l	0.0100						
g-Chlordane	BRL		µg/l	0.0100						
Endrin Ketone	BRL		µg/l	0.0100						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0109*		µg/l		*0.0200*		*54*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0115*		µg/l		*0.0200*		*58*	*30-150*		
LCS (7031768-BS1)										
Prepared & Analyzed: 29-Mar-07										
Aldrin	0.0132		µg/l	0.0100	0.0200		66	40-140		
a-BHC	0.0112		µg/l	0.0100	0.0200		56	40-140		
b-BHC	0.0124		µg/l	0.0100	0.0200		62	40-140		
d-BHC	0.0047	Z-2a	µg/l	0.0100	0.0200		24	40-140		
g-BHC (Lindane)	0.0120		µg/l	0.0100	0.0200		60	40-140		
4,4'-DDD (p,p')	0.0125		µg/l	0.0100	0.0200		62	40-140		
4,4'-DDE (p,p')	0.0131		µg/l	0.0100	0.0200		66	40-140		
4,4'-DDT (p,p')	0.0124		µg/l	0.0100	0.0200		62	40-140		
Dieldrin	0.0123		µg/l	0.0020	0.0200		62	40-140		
Endosulfan I	0.0128		µg/l	0.0100	0.0200		64	40-140		
Endosulfan II	0.0130		µg/l	0.0100	0.0200		65	40-140		
Endosulfan Sulfate	0.0105		µg/l	0.0100	0.0200		52	40-140		
Endrin	0.0108		µg/l	0.0100	0.0200		54	40-140		
Endrin Aldehyde	0.0123		µg/l	0.0100	0.0200		62	40-140		
Heptachlor	0.0142		µg/l	0.0100	0.0200		71	40-140		
Methoxychlor	0.0100		µg/l	0.0100	0.0200		50	40-140		
Heptachlor Epoxide	0.0136		µg/l	0.0100	0.0200		68	40-140		
a-Chlordane	0.0129		µg/l	0.0100	0.0200		64	40-140		
g-Chlordane	0.0134		µg/l	0.0100	0.0200		67	40-140		
Endrin Ketone	0.0130		µg/l	0.0100	0.0200		65	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0131*		µg/l		*0.0200*		*66*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0135*		µg/l		*0.0200*		*68*	*40-140*		
LCS Dup (7031768-BSD1)										
Prepared & Analyzed: 29-Mar-07										
Aldrin	0.0140		µg/l	0.0100	0.0200		70	40-140	6	20
a-BHC	0.0120		µg/l	0.0100	0.0200		60	40-140	7	20
b-BHC	0.0124		µg/l	0.0100	0.0200		62	40-140	0	20
d-BHC	0.0044	Z-2a	µg/l	0.0100	0.0200		22	40-140	9	20

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031768 - SW846 3510C										
LCS Dup (7031768-BSD1)										
Prepared & Analyzed: 29-Mar-07										
g-BHC (Lindane)	0.0128		µg/l	0.0100	0.0200		64	40-140	6	20
4,4'-DDD (p,p')	0.0140		µg/l	0.0100	0.0200		70	40-140	12	20
4,4'-DDE (p,p')	0.0139		µg/l	0.0100	0.0200		70	40-140	6	20
4,4'-DDT (p,p')	0.0148		µg/l	0.0100	0.0200		74	40-140	18	20
Dieldrin	0.0139		µg/l	0.0020	0.0200		70	40-140	12	20
Endosulfan I	0.0141		µg/l	0.0100	0.0200		70	40-140	9	20
Endosulfan II	0.0147		µg/l	0.0100	0.0200		74	40-140	13	20
Endosulfan Sulfate	0.0118		µg/l	0.0100	0.0200		59	40-140	13	20
Endrin	0.0126		µg/l	0.0100	0.0200		63	40-140	15	20
Endrin Aldehyde	0.0152		µg/l	0.0100	0.0200		76	40-140	20	20
Heptachlor	0.0143		µg/l	0.0100	0.0200		72	40-140	1	20
Methoxychlor	0.0120		µg/l	0.0100	0.0200		60	40-140	18	20
Heptachlor Epoxide	0.0145		µg/l	0.0100	0.0200		72	40-140	6	20
a-Chlordane	0.0138		µg/l	0.0100	0.0200		69	40-140	8	20
g-Chlordane	0.0147		µg/l	0.0100	0.0200		74	40-140	10	20
Endrin Ketone	0.0145		µg/l	0.0100	0.0200		72	40-140	10	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0128*		µg/l		*0.0200*		*64*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0146*		µg/l		*0.0200*		*73*	*40-140*		
Batch 7031769 - SW846 3510C										
Blank (7031769-BLK1)										
Prepared & Analyzed: 29-Mar-07										
PCB 1016	BRL		µg/l	0.0200						
PCB 1221	BRL		µg/l	0.0200						
PCB 1232	BRL		µg/l	0.0200						
PCB 1242	BRL		µg/l	0.0200						
PCB 1248	BRL		µg/l	0.0200						
PCB 1254	BRL		µg/l	0.0200						
PCB 1260	BRL		µg/l	0.0200						
PCB 1262	BRL		µg/l	0.0200						
PCB 1268	BRL		µg/l	0.0200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0130*		µg/l		*0.0200*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0200*		µg/l		*0.0200*		*100*	*30-150*		
LCS (7031769-BS1)										
Prepared & Analyzed: 29-Mar-07										
PCB 1016	0.227		µg/l	0.0200	0.250		91	40-140		
PCB 1260	0.264		µg/l	0.0200	0.250		106	40-140		
2,4,5,6-TC-M-Xylene (IS)	0.0200		µg/l		10.0		119	50-200		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0130*		µg/l		*0.0200*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0200*		µg/l		*0.0200*		*100*	*30-150*		
LCS Dup (7031769-BSD1)										
Prepared & Analyzed: 29-Mar-07										
PCB 1016	0.224		µg/l	0.0200	0.250		90	40-140	1	20
PCB 1260	0.265		µg/l	0.0200	0.250		106	40-140	0	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0130*		µg/l		*0.0200*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0200*		µg/l		*0.0200*		*100*	*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 7031680 - SW846 3510C										
Blank (7031680-BLK1)										
Prepared: 28-Mar-07 Analyzed: 29-Mar-07										
Acenaphthene	BRL		µg/l	1.00						
Acenaphthene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	0.400						
1-Methylnaphthalene	BRL		µg/l	1.00						
1-Methylnaphthalene	BRL		µg/l	0.050						
Aniline	BRL		µg/l	1.00						
Anthracene	BRL		µg/l	1.00						
Anthracene	BRL		µg/l	0.050						
Atrazine	BRL		µg/l	1.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	1.00						
Benzidine	BRL		µg/l	1.00						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) anthracene	BRL		µg/l	0.200						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (a) pyrene	BRL		µg/l	0.200						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	0.200						
Benzo (g,h,i) perylene	BRL		µg/l	1.00						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (k) fluoranthene	BRL		µg/l	0.300						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Benzoic acid	BRL		µg/l	1.00						
Benzyl alcohol	BRL		µg/l	1.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	1.00						
Bis(2-chloroethyl)ether	BRL		µg/l	1.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	1.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	1.00						
4-Bromophenyl phenyl ether	BRL		µg/l	1.00						
Butyl benzyl phthalate	BRL		µg/l	1.00						
Carbazole	BRL		µg/l	1.00						
4-Chloro-3-methylphenol	BRL		µg/l	1.00						
4-Chloroaniline	BRL		µg/l	1.00						
2-Chloronaphthalene	BRL		µg/l	1.00						
2-Chlorophenol	BRL		µg/l	1.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	1.00						
Chrysene	BRL		µg/l	1.00						
Chrysene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	0.200						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Dibenzofuran	BRL		µg/l	1.00						
1,2-Dichlorobenzene	BRL		µg/l	1.00						
1,3-Dichlorobenzene	BRL		µg/l	1.00						
1,4-Dichlorobenzene	BRL		µg/l	1.00						
3,3´-Dichlorobenzidine	BRL		µg/l	1.00						
2,4-Dichlorophenol	BRL		µg/l	1.00						
Diethyl phthalate	BRL		µg/l	1.00						
Dimethyl phthalate	BRL		µg/l	1.00						
2,4-Dimethylphenol	BRL		µg/l	1.00						
Di-n-butyl phthalate	BRL		µg/l	1.00						
4,6-Dinitro-2-methylphenol	BRL		µg/l	1.00						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031680 - SW846 3510C										
Blank (7031680-BLK1)										
Prepared: 28-Mar-07 Analyzed: 29-Mar-07										
2,4-Dinitrophenol	BRL		µg/l	1.00						
2,4-Dinitrotoluene	BRL		µg/l	1.00						
2,6-Dinitrotoluene	BRL		µg/l	1.00						
Di-n-octyl phthalate	BRL		µg/l	1.00						
Fluoranthene	BRL		µg/l	1.00						
Fluoranthene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	1.00						
Hexachlorobenzene	BRL		µg/l	1.00						
Hexachlorobutadiene	BRL		µg/l	0.600						
Hexachlorocyclopentadiene	BRL		µg/l	1.00						
Hexachloroethane	BRL		µg/l	1.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.200						
Isophorone	BRL		µg/l	1.00						
2-Methylnaphthalene	BRL		µg/l	1.00						
2-Methylnaphthalene	BRL		µg/l	0.050						
2-Methylphenol	BRL		µg/l	1.00						
3,4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	1.00						
Naphthalene	BRL		µg/l	0.050						
2-Nitroaniline	BRL		µg/l	1.00						
3-Nitroaniline	BRL		µg/l	1.00						
4-Nitroaniline	BRL		µg/l	1.00						
Nitrobenzene	BRL		µg/l	1.00						
2-Nitrophenol	BRL		µg/l	1.00						
4-Nitrophenol	BRL		µg/l	1.00						
N-Nitrosodimethylamine	BRL		µg/l	1.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	1.00						
N-Nitrosodiphenylamine	BRL		µg/l	1.00						
Pentachlorophenol	BRL		µg/l	1.00						
Phenanthrene	BRL		µg/l	1.00						
Phenanthrene	BRL		µg/l	0.050						
Phenol	BRL		µg/l	1.00						
Pyrene	BRL		µg/l	1.00						
Pyrene	BRL		µg/l	0.050						
Pyridine	BRL		µg/l	1.00						
Hexachlorobenzene	BRL		µg/l	1.00						
1,2,4-Trichlorobenzene	BRL		µg/l	1.00						
Hexachloroethane	BRL		µg/l	1.00						
2,4,5-Trichlorophenol	BRL		µg/l	1.00						
Pentachlorophenol	BRL		µg/l	1.00						
2,4,6-Trichlorophenol	BRL		µg/l	1.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
Surrogate: 2-Fluorobiphenyl	*83.3*		µg/l		*100*		*83*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*83.3*		µg/l		*100*		*83*	*30-130*		
Surrogate: 2-Fluorophenol	*82.2*		µg/l		*100*		*82*	*15-110*		
Surrogate: Nitrobenzene-d5	*95.7*		µg/l		*100*		*96*	*30-130*		
Surrogate: Phenol-d5	*78.1*		µg/l		*100*		*78*	*15-110*		
Surrogate: Terphenyl-dl4	*92.4*		µg/l		*100*		*92*	*30-130*		
Surrogate: Terphenyl-dl4	*92.4*		µg/l		*100*		*92*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*65.2*		µg/l		*100*		*65*	*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 7031680 - SW846 3510C										
LCS (7031680-BS1)										
Prepared: 28-Mar-07 Analyzed: 29-Mar-07										
Acenaphthene	77.6		µg/l	1.00	100		78	40-140		
Acenaphthene	77.6		µg/l	0.050	100		78	40-140		
Acenaphthylene	85.1		µg/l	0.400	100		85	40-140		
Acenaphthylene	85.1		µg/l	0.050	100		85	40-140		
1-Methylnaphthalene	76.5		µg/l	1.00	100		76	40-140		
1-Methylnaphthalene	76.5		µg/l	0.050	100		76	40-140		
Aniline	103		µg/l	1.00	100		103	40-140		
Anthracene	86.2		µg/l	1.00	100		86	40-140		
Anthracene	86.2		µg/l	0.050	100		86	40-140		
Atrazine	174		µg/l	1.00	100		174	0-200		
Azobenzene/Diphenyldiazine	94.2		µg/l	1.00	100		94	40-140		
Benzidine	104		µg/l	1.00	100		104	40-140		
Benzo (a) anthracene	80.4		µg/l	0.050	100		80	40-140		
Benzo (a) anthracene	80.4		µg/l	0.200	100		80	40-140		
Benzo (a) pyrene	87.2		µg/l	0.200	100		87	40-140		
Benzo (a) pyrene	87.2		µg/l	0.050	100		87	40-140		
Benzo (b) fluoranthene	83.8		µg/l	0.050	100		84	40-140		
Benzo (b) fluoranthene	83.8		µg/l	0.200	100		84	40-140		
Benzo (g,h,i) perylene	85.2		µg/l	1.00	100		85	40-140		
Benzo (g,h,i) perylene	85.2		µg/l	0.050	100		85	40-140		
Benzo (k) fluoranthene	79.0		µg/l	0.050	100		79	40-140		
Benzo (k) fluoranthene	79.0		µg/l	0.300	100		79	40-140		
Benzoic acid	77.0		µg/l	1.00	100		77	30-130		
Benzyl alcohol	76.8		µg/l	1.00	100		77	40-140		
Bis(2-chloroethoxy)methane	85.5		µg/l	1.00	100		86	40-140		
Bis(2-chloroethyl)ether	92.0		µg/l	1.00	100		92	40-140		
Bis(2-chloroisopropyl)ether	61.4		µg/l	1.00	100		61	40-140		
Bis(2-ethylhexyl)phthalate	91.2		µg/l	1.00	100		91	40-140		
4-Bromophenyl phenyl ether	77.4		µg/l	1.00	100		77	40-140		
Butyl benzyl phthalate	90.1		µg/l	1.00	100		90	40-140		
Carbazole	112		µg/l	1.00	100		112	40-140		
4-Chloro-3-methylphenol	83.7		µg/l	1.00	100		84	30-130		
4-Chloroaniline	86.1		µg/l	1.00	100		86	40-140		
2-Chloronaphthalene	79.7		µg/l	1.00	100		80	40-140		
2-Chlorophenol	69.4		µg/l	1.00	100		69	30-130		
4-Chlorophenyl phenyl ether	76.8		µg/l	1.00	100		77	40-140		
Chrysene	86.6		µg/l	0.050	100		87	40-140		
Chrysene	86.6		µg/l	1.00	100		87	40-140		
Dibenzo (a,h) anthracene	90.0		µg/l	0.050	100		90	40-140		
Dibenzo (a,h) anthracene	90.0		µg/l	0.200	100		90	40-140		
Dibenzofuran	81.2		µg/l	1.00	100		81	40-140		
1,2-Dichlorobenzene	75.5		µg/l	1.00	100		76	40-140		
1,3-Dichlorobenzene	67.0		µg/l	1.00	100		67	40-140		
1,4-Dichlorobenzene	75.6		µg/l	1.00	100		76	40-140		
3,3'-Dichlorobenzidine	94.2		µg/l	1.00	100		94	40-140		
2,4-Dichlorophenol	75.2		µg/l	1.00	100		75	30-130		
Diethyl phthalate	84.0		µg/l	1.00	100		84	40-140		
Dimethyl phthalate	84.4		µg/l	1.00	100		84	40-140		
2,4-Dimethylphenol	73.1		µg/l	1.00	100		73	30-130		
Di-n-butyl phthalate	83.3		µg/l	1.00	100		83	40-140		
4,6-Dinitro-2-methylphenol	74.0		µg/l	1.00	100		74	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 7031680 - SW846 3510C										
LCS (7031680-BS1)										
Prepared: 28-Mar-07 Analyzed: 29-Mar-07										
2,4-Dinitrophenol	89.5		µg/l	1.00	100		90	30-130		
2,4-Dinitrotoluene	95.2		µg/l	1.00	100		95	40-140		
2,6-Dinitrotoluene	92.5		µg/l	1.00	100		92	40-140		
Di-n-octyl phthalate	94.9		µg/l	1.00	100		95	40-140		
Fluoranthene	80.2		µg/l	1.00	100		80	40-140		
Fluoranthene	80.2		µg/l	0.050	100		80	40-140		
Fluorene	79.9		µg/l	0.050	100		80	40-140		
Fluorene	79.9		µg/l	1.00	100		80	40-140		
Hexachlorobenzene	75.1		µg/l	1.00	100		75	40-140		
Hexachlorobutadiene	74.5		µg/l	0.600	100		74	40-140		
Hexachlorocyclopentadiene	68.2		µg/l	1.00	100		68	40-140		
Hexachloroethane	63.3		µg/l	1.00	100		63	40-140		
Indeno (1,2,3-cd) pyrene	84.7		µg/l	0.050	100		85	40-140		
Indeno (1,2,3-cd) pyrene	84.7		µg/l	0.200	100		85	40-140		
Isophorone	90.3		µg/l	1.00	100		90	40-140		
2-Methylnaphthalene	82.0		µg/l	1.00	100		82	40-140		
2-Methylnaphthalene	82.0		µg/l	0.050	100		82	40-140		
2-Methylphenol	71.7		µg/l	1.00	100		72	40-140		
3,4-Methylphenol	79.2		µg/l	10.0	100		79	40-130		
Naphthalene	78.9		µg/l	0.050	100		79	40-140		
Naphthalene	78.9		µg/l	1.00	100		79	40-140		
2-Nitroaniline	87.3		µg/l	1.00	100		87	40-140		
3-Nitroaniline	86.4		µg/l	1.00	100		86	40-140		
4-Nitroaniline	102		µg/l	1.00	100		102	40-140		
Nitrobenzene	95.1		µg/l	1.00	100		95	40-140		
2-Nitrophenol	77.6		µg/l	1.00	100		78	30-130		
4-Nitrophenol	59.6		µg/l	1.00	100		60	30-130		
N-Nitrosodimethylamine	81.2		µg/l	1.00	100		81	40-140		
N-Nitrosodi-n-propylamine	82.7		µg/l	1.00	100		83	40-140		
N-Nitrosodiphenylamine	91.5		µg/l	1.00	100		92	40-140		
Pentachlorophenol	73.3		µg/l	1.00	100		73	30-130		
Phenanthrene	76.8		µg/l	0.050	100		77	40-140		
Phenanthrene	76.8		µg/l	1.00	100		77	40-140		
Phenol	67.9		µg/l	1.00	100		68	30-130		
Pyrene	75.3		µg/l	0.050	100		75	40-140		
Pyrene	75.3		µg/l	1.00	100		75	40-140		
Pyridine	81.1		µg/l	1.00	100		81	40-140		
Hexachlorobenzene	75.1		µg/l	1.00	100		75	40-140		
Hexachloroethane	63.3		µg/l	1.00	100		63	40-140		
1,2,4-Trichlorobenzene	79.8		µg/l	1.00	100		80	40-140		
2,4,5-Trichlorophenol	72.6		µg/l	1.00	100		73	30-130		
Pentachlorophenol	73.3		µg/l	1.00	100		73	30-130		
2,4,6-Trichlorophenol	63.0		µg/l	1.00	100		63	30-130		
Hexachlorobutadiene	74.5		µg/l	0.500	100		74	40-140		
Surrogate: 2-Fluorobiphenyl	*83.6*		µg/l		*100*		*84*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*83.6*		µg/l		*100*		*84*	*30-130*		
Surrogate: 2-Fluorophenol	*74.3*		µg/l		*100*		*74*	*15-110*		
Surrogate: Nitrobenzene-d5	*104*		µg/l		*100*		*104*	*30-130*		
Surrogate: Phenol-d5	*71.6*		µg/l		*100*		*72*	*15-110*		
Surrogate: Terphenyl-dl4	*84.1*		µg/l		*100*		*84*	*30-130*		
Surrogate: Terphenyl-dl4	*84.1*		µg/l		*100*		*84*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*79.9*		µg/l		*100*		*80*	*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 7031774 - SW846 3550B										
Blank (7031774-BLK1)										
Prepared: 29-Mar-07 Analyzed: 02-Apr-07										
Acenaphthene	BRL		µg/kg wet	330						
Acenaphthylene	BRL		µg/kg wet	330						
Aniline	BRL		µg/kg wet	330						
Anthracene	BRL		µg/kg wet	330						
Atrazine	BRL		µg/kg wet	330						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	330						
Benzidine	BRL		µg/kg wet	330						
Benzo (a) anthracene	BRL		µg/kg wet	330						
Benzo (a) pyrene	BRL		µg/kg wet	330						
Benzo (b) fluoranthene	BRL		µg/kg wet	330						
Benzo (g,h,i) perylene	BRL		µg/kg wet	330						
Benzo (k) fluoranthene	BRL		µg/kg wet	330						
Benzoic acid	BRL		µg/kg wet	330						
Benzyl alcohol	BRL		µg/kg wet	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	330						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	330						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	330						
Butyl benzyl phthalate	BRL		µg/kg wet	330						
Carbazole	BRL		µg/kg wet	330						
4-Chloro-3-methylphenol	BRL		µg/kg wet	330						
4-Chloroaniline	BRL		µg/kg wet	330						
2-Chloronaphthalene	BRL		µg/kg wet	330						
2-Chlorophenol	BRL		µg/kg wet	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	330						
Chrysene	BRL		µg/kg wet	330						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	330						
Dibenzofuran	BRL		µg/kg wet	330						
1,2-Dichlorobenzene	BRL		µg/kg wet	330						
1,3-Dichlorobenzene	BRL		µg/kg wet	330						
1,4-Dichlorobenzene	BRL		µg/kg wet	330						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	330						
2,4-Dichlorophenol	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,4-Dimethylphenol	BRL		µg/kg wet	330						
Di-n-butyl phthalate	BRL		µg/kg wet	330						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	330						
2,4-Dinitrophenol	BRL		µg/kg wet	330						
2,4-Dinitrotoluene	BRL		µg/kg wet	330						
2,6-Dinitrotoluene	BRL		µg/kg wet	330						
Di-n-octyl phthalate	BRL		µg/kg wet	330						
Fluoranthene	BRL		µg/kg wet	330						
Fluorene	BRL		µg/kg wet	330						
Hexachlorobenzene	BRL		µg/kg wet	330						
Hexachlorobutadiene	BRL		µg/kg wet	330						
Hexachlorocyclopentadiene	BRL		µg/kg wet	330						
Hexachloroethane	BRL		µg/kg wet	330						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
1-Methylnaphthalene	BRL		µg/kg wet	330						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031774 - SW846 3550B										
Blank (7031774-BLK1)										
Prepared: 29-Mar-07 Analyzed: 02-Apr-07										
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	*5640*		µg/kg wet		*6670*		*85*	*30-130*		
Surrogate: 2-Fluorophenol	*5150*		µg/kg wet		*6670*		*77*	*15-110*		
Surrogate: Nitrobenzene-d5	*6550*		µg/kg wet		*6670*		*98*	*30-130*		
Surrogate: Phenol-d5	*5560*		µg/kg wet		*6670*		*83*	*15-110*		
Surrogate: Terphenyl-dl4	*6600*		µg/kg wet		*6670*		*99*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4140*		µg/kg wet		*6670*		*62*	*15-110*		
LCS (7031774-BS1)										
Prepared: 29-Mar-07 Analyzed: 02-Apr-07										
Acenaphthene	4850		µg/kg wet	330	6670		73	40-130		
Acenaphthylene	5170		µg/kg wet	330	6670		78	40-130		
Aniline	4990		µg/kg wet	330	6670		75	40-130		
Anthracene	5430		µg/kg wet	330	6670		81	40-130		
Atrazine	7910		µg/kg wet	330	6670		119	40-130		
Azobenzene/Diphenyldiazine	6030		µg/kg wet	330	6670		90	40-130		
Benzidine	BRL		µg/kg wet	330	6670			0-130		
Benzo (a) anthracene	5000		µg/kg wet	330	6670		75	40-130		
Benzo (a) pyrene	5500		µg/kg wet	330	6670		82	40-130		
Benzo (b) fluoranthene	4720		µg/kg wet	330	6670		71	40-130		
Benzo (g,h,i) perylene	4840		µg/kg wet	330	6670		73	40-130		
Benzo (k) fluoranthene	6380		µg/kg wet	330	6670		96	40-130		
Benzoic acid	5620		µg/kg wet	330	6670		84	0-130		
Benzyl alcohol	4780		µg/kg wet	330	6670		72	40-130		
Bis(2-chloroethoxy)methane	5340		µg/kg wet	330	6670		80	40-130		
Bis(2-chloroethyl)ether	6000		µg/kg wet	330	6670		90	40-130		
Bis(2-chloroisopropyl)ether	3600		µg/kg wet	330	6670		54	40-130		
Bis(2-ethylhexyl)phthalate	6170		µg/kg wet	330	6670		93	40-130		
4-Bromophenyl phenyl ether	4680		µg/kg wet	330	6670		70	40-130		
Butyl benzyl phthalate	5940		µg/kg wet	330	6670		89	40-130		
Carbazole	7030		µg/kg wet	330	6670		105	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 7031774 - SW846 3550B										
LCS (7031774-BS1)										
Prepared: 29-Mar-07 Analyzed: 02-Apr-07										
4-Chloro-3-methylphenol	5260		µg/kg wet	330	6670		79	40-130		
4-Chloroaniline	3600		µg/kg wet	330	6670		54	40-130		
2-Chloronaphthalene	4930		µg/kg wet	330	6670		74	40-130		
2-Chlorophenol	4510		µg/kg wet	330	6670		68	40-130		
4-Chlorophenyl phenyl ether	4970		µg/kg wet	330	6670		75	40-130		
Chrysene	5120		µg/kg wet	330	6670		77	40-130		
Dibenzo (a,h) anthracene	5330		µg/kg wet	330	6670		80	40-130		
Dibenzofuran	5070		µg/kg wet	330	6670		76	40-130		
1,2-Dichlorobenzene	4840		µg/kg wet	330	6670		73	40-130		
1,3-Dichlorobenzene	4230		µg/kg wet	330	6670		63	40-130		
1,4-Dichlorobenzene	4910		µg/kg wet	330	6670		74	40-130		
3,3'-Dichlorobenzidine	5400		µg/kg wet	330	6670		81	40-130		
2,4-Dichlorophenol	4660		µg/kg wet	330	6670		70	40-130		
Diethyl phthalate	5320		µg/kg wet	330	6670		80	40-130		
Dimethyl phthalate	5110		µg/kg wet	330	6670		77	40-130		
2,4-Dimethylphenol	4480		µg/kg wet	330	6670		67	40-130		
Di-n-butyl phthalate	5300		µg/kg wet	330	6670		79	40-130		
4,6-Dinitro-2-methylphenol	4080		µg/kg wet	330	6670		61	40-130		
2,4-Dinitrophenol	4800		µg/kg wet	330	6670		72	40-130		
2,4-Dinitrotoluene	5420		µg/kg wet	330	6670		81	40-130		
2,6-Dinitrotoluene	5660		µg/kg wet	330	6670		85	40-130		
Di-n-octyl phthalate	7030		µg/kg wet	330	6670		105	40-130		
Fluoranthene	4870		µg/kg wet	330	6670		73	40-130		
Fluorene	5130		µg/kg wet	330	6670		77	40-130		
Hexachlorobenzene	4540		µg/kg wet	330	6670		68	40-130		
Hexachlorobutadiene	4680		µg/kg wet	330	6670		70	40-130		
Hexachlorocyclopentadiene	4040		µg/kg wet	330	6670		61	40-130		
Hexachloroethane	4470		µg/kg wet	330	6670		67	40-130		
Indeno (1,2,3-cd) pyrene	4700		µg/kg wet	330	6670		70	40-130		
1-Methylnaphthalene	4740		µg/kg wet	330	6670		71	40-140		
Isophorone	5750		µg/kg wet	330	6670		86	40-130		
2-Methylnaphthalene	5230		µg/kg wet	330	6670		78	40-130		
2-Methylphenol	4770		µg/kg wet	330	6670		72	40-130		
3,4-Methylphenol	5410		µg/kg wet	330	6670		81	40-130		
Naphthalene	5120		µg/kg wet	330	6670		77	40-130		
2-Nitroaniline	5170		µg/kg wet	330	6670		78	40-130		
3-Nitroaniline	4990		µg/kg wet	330	6670		75	40-130		
4-Nitroaniline	6410		µg/kg wet	1320	6670		96	40-130		
Nitrobenzene	5890		µg/kg wet	330	6670		88	40-130		
2-Nitrophenol	4770		µg/kg wet	330	6670		72	40-130		
4-Nitrophenol	3650		µg/kg wet	1320	6670		55	40-130		
N-Nitrosodimethylamine	4850		µg/kg wet	330	6670		73	40-130		
N-Nitrosodi-n-propylamine	4480		µg/kg wet	330	6670		67	40-130		
N-Nitrosodiphenylamine	5770		µg/kg wet	330	6670		87	40-130		
Pentachlorophenol	4390		µg/kg wet	330	6670		66	40-130		
Phenanthrene	4610		µg/kg wet	330	6670		69	40-130		
Phenol	5040		µg/kg wet	330	6670		76	40-130		
Pyrene	4970		µg/kg wet	330	6670		75	40-130		
Pyridine	3230		µg/kg wet	330	6670		48	40-130		
1,2,4-Trichlorobenzene	4880		µg/kg wet	330	6670		73	40-130		
2,4,5-Trichlorophenol	5210		µg/kg wet	330	6670		78	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031774 - SW846 3550B										
LCS (7031774-BS1)										
Prepared: 29-Mar-07 Analyzed: 02-Apr-07										
2,4,6-Trichlorophenol	3930		µg/kg wet	330	6670		59	40-130		
Surrogate: 2-Fluorobiphenyl	*5290*		µg/kg wet		*6670*		*79*	*30-130*		
Surrogate: 2-Fluorophenol	*4440*		µg/kg wet		*6670*		*67*	*15-110*		
Surrogate: Nitrobenzene-d5	*6480*		µg/kg wet		*6670*		*97*	*30-130*		
Surrogate: Phenol-d5	*4670*		µg/kg wet		*6670*		*70*	*15-110*		
Surrogate: Terphenyl-dl4	*5570*		µg/kg wet		*6670*		*84*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4740*		µg/kg wet		*6670*		*71*	*15-110*		
Duplicate (7031774-DUP1)	**Source: SA59785-02**									
Prepared: 29-Mar-07 Analyzed: 02-Apr-07										
Acenaphthene	BRL		µg/kg dry	285		BRL				50
Acenaphthylene	BRL		µg/kg dry	285		BRL				50
Aniline	BRL		µg/kg dry	285		BRL				50
Anthracene	BRL		µg/kg dry	285		BRL				50
Atrazine	BRL		µg/kg dry	285		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	285		BRL				50
Benzidine	BRL		µg/kg dry	285		BRL				50
Benzo (a) anthracene	73.8	J	µg/kg dry	285		BRL				50
Benzo (a) pyrene	82.4	J	µg/kg dry	285		BRL				50
Benzo (b) fluoranthene	74.9	J	µg/kg dry	285		BRL				50
Benzo (g,h,i) perylene	49.6	J	µg/kg dry	285		BRL				50
Benzo (k) fluoranthene	84.1	J	µg/kg dry	285		BRL				50
Benzoic acid	BRL		µg/kg dry	285		BRL				50
Benzyl alcohol	BRL		µg/kg dry	285		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	285		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	285		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	285		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	285		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	285		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	285		BRL				50
Carbazole	BRL		µg/kg dry	285		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	285		BRL				50
4-Chloroaniline	BRL		µg/kg dry	285		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	285		BRL				50
2-Chlorophenol	BRL		µg/kg dry	285		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	285		BRL				50
Chrysene	118	J	µg/kg dry	285		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	285		BRL				50
Dibenzofuran	BRL		µg/kg dry	285		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	285		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	285		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	285		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/kg dry	285		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	285		BRL				50
Diethyl phthalate	BRL		µg/kg dry	285		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	285		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	285		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	285		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	285		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	285		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	285		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	285		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 7031774 - SW846 3550B										
Duplicate (7031774-DUP1)	**Source: SA59785-02**									
Prepared: 29-Mar-07 Analyzed: 02-Apr-07										
Di-n-octyl phthalate	BRL		µg/kg dry	285		BRL				50
Fluoranthene	91.0	J	µg/kg dry	285		63.5			36	50
Fluorene	BRL		µg/kg dry	285		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	285		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	285		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	285		BRL				50
Hexachloroethane	BRL		µg/kg dry	285		BRL				50
Indeno (1,2,3-cd) pyrene	47.3	J	µg/kg dry	285		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	285		BRL				50
Isophorone	BRL		µg/kg dry	285		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	285		BRL				50
2-Methylphenol	BRL		µg/kg dry	285		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	285		BRL				50
Naphthalene	BRL		µg/kg dry	285		BRL				50
2-Nitroaniline	BRL		µg/kg dry	285		BRL				50
3-Nitroaniline	BRL		µg/kg dry	285		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1140		BRL				50
Nitrobenzene	BRL		µg/kg dry	285		BRL				50
2-Nitrophenol	BRL		µg/kg dry	285		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1140		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	285		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	285		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	285		BRL				50
Pentachlorophenol	BRL		µg/kg dry	285		BRL				50
Phenanthrene	BRL		µg/kg dry	285		BRL				50
Phenol	BRL		µg/kg dry	285		BRL				50
Pyrene	130	J	µg/kg dry	285		108			18	50
Pyridine	BRL		µg/kg dry	285		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	285		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	285		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	285		BRL				50
Surrogate: 2-Fluorobiphenyl	*2200*		µg/kg dry		*2880*		*76*	*30-130*		
Surrogate: 2-Fluorophenol	*2310*		µg/kg dry		*2880*		*80*	*15-110*		
Surrogate: Nitrobenzene-d5	*2640*		µg/kg dry		*2880*		*92*	*30-130*		
Surrogate: Phenol-d5	*2160*		µg/kg dry		*2880*		*75*	*15-110*		
Surrogate: Terphenyl-d14	*2840*		µg/kg dry		*2880*		*99*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1770*		µg/kg dry		*2880*		*61*	*15-110*		
Matrix Spike (7031774-MS1)	**Source: SA59785-02**									
Prepared: 29-Mar-07 Analyzed: 03-Apr-07										
Acenaphthene	4250		µg/kg dry	288	5810	BRL	73	40-140		
4-Chloro-3-methylphenol	8600		µg/kg dry	288	11600	BRL	74	30-130		
2-Chlorophenol	7430		µg/kg dry	288	11600	BRL	64	30-130		
1,4-Dichlorobenzene	3870		µg/kg dry	288	5810	BRL	67	40-140		
2,4-Dinitrotoluene	4170		µg/kg dry	288	5810	BRL	72	40-140		
4-Nitrophenol	4670		µg/kg dry	1150	11600	BRL	40	30-130		
N-Nitrosodi-n-propylamine	5520		µg/kg dry	288	5810	BRL	95	40-140		
Pentachlorophenol	6500		µg/kg dry	288	11600	BRL	56	30-130		
Phenol	7610		µg/kg dry	288	11600	BRL	66	30-130		
Pyrene	5160		µg/kg dry	288	5810	108	87	40-140		
1,2,4-Trichlorobenzene	3500		µg/kg dry	288	5810	BRL	60	40-140		
Surrogate: 2-Fluorobiphenyl	*4620*		µg/kg dry		*5810*		*80*	*30-130*		
Surrogate: 2-Fluorophenol	*3760*		µg/kg dry		*5810*		*65*	*15-110*		

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

* Reportable Detection Limit BRL = Below Reporting Limit

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031774 - SW846 3550B										
Matrix Spike (7031774-MS1)	**Source: SA59785-02**									
Prepared: 29-Mar-07 Analyzed: 03-Apr-07										
Surrogate: Nitrobenzene-d5	*5140*		µg/kg dry		*5810*		*88*	*30-130*		
Surrogate: Phenol-d5	*3780*		µg/kg dry		*5810*		*65*	*15-110*		
Surrogate: Terphenyl-dl4	*5620*		µg/kg dry		*5810*		*97*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3950*		µg/kg dry		*5810*		*68*	*15-110*		
Matrix Spike Dup (7031774-MSD1)	**Source: SA59785-02**									
Prepared: 29-Mar-07 Analyzed: 03-Apr-07										
Acenaphthene	4390		µg/kg dry	291	5870	BRL	75	40-140	3	30
4-Chloro-3-methylphenol	8970		µg/kg dry	291	11700	BRL	77	30-130	4	30
2-Chlorophenol	7870		µg/kg dry	291	11700	BRL	67	30-130	5	30
1,4-Dichlorobenzene	4070		µg/kg dry	291	5870	BRL	69	40-140	3	30
2,4-Dinitrotoluene	4260		µg/kg dry	291	5870	BRL	73	40-140	1	30
4-Nitrophenol	4890		µg/kg dry	1160	11700	BRL	42	30-130	5	30
N-Nitrosodi-n-propylamine	5950		µg/kg dry	291	5870	BRL	101	40-140	6	30
Pentachlorophenol	6960		µg/kg dry	291	11700	BRL	59	30-130	5	30
Phenol	8140		µg/kg dry	291	11700	BRL	70	30-130	6	30
Pyrene	5480		µg/kg dry	291	5870	108	92	40-140	6	30
1,2,4-Trichlorobenzene	3800		µg/kg dry	291	5870	BRL	65	40-140	8	30
Surrogate: 2-Fluorobiphenyl	*4920*		µg/kg dry		*5870*		*84*	*30-130*		
Surrogate: 2-Fluorophenol	*3930*		µg/kg dry		*5870*		*67*	*15-110*		
Surrogate: Nitrobenzene-d5	*5690*		µg/kg dry		*5870*		*97*	*30-130*		
Surrogate: Phenol-d5	*4090*		µg/kg dry		*5870*		*70*	*15-110*		
Surrogate: Terphenyl-dl4	*5830*		µg/kg dry		*5870*		*99*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4160*		µg/kg dry		*5870*		*71*	*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 7031810 - EPA200/SW7000 Series										
Blank (7031810-BLK1)										
Prepared: 02-Apr-07 Analyzed: 03-Apr-07										
Mercury	BRL		mg/kg wet	0.0289						
Duplicate (7031810-DUP1)	**Source: SA59803-01**									
Prepared: 02-Apr-07 Analyzed: 03-Apr-07										
Mercury	1.37	QR1	mg/kg dry	0.0702		1.71			22	20
Matrix Spike (7031810-MS1)	**Source: SA59803-02**									
Prepared: 02-Apr-07 Analyzed: 03-Apr-07										
Mercury	1.19	QM7	mg/kg dry	0.0345	0.479	0.912	58	75-125		
Matrix Spike (7031810-MS2)	**Source: SA59964-04**									
Prepared: 02-Apr-07 Analyzed: 03-Apr-07										
Mercury	0.535		mg/kg dry	0.0348	0.483	0.0881	93	75-125		
Reference (7031810-SRM1)										
Prepared: 02-Apr-07 Analyzed: 03-Apr-07										
Mercury	1.23		mg/kg wet	0.0300	1.17		105	65.9-132.6		
Batch 7031823 - SW846 3005A										
Blank (7031823-BLK1)										
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Silver	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
LCS (7031823-BS1)										
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Lead	0.468		mg/l	0.0075	0.500		94	85-115		
Selenium	0.461		mg/l	0.0150	0.500		92	85-115		
Silver	0.478		mg/l	0.0050	0.500		96	85-115		
Barium	0.489		mg/l	0.0050	0.500		98	85-115		
Arsenic	0.460		mg/l	0.0040	0.500		92	85-115		
Chromium	0.491		mg/l	0.0050	0.500		98	85-115		
Cadmium	0.494		mg/l	0.0025	0.500		99	85-115		
LCS Dup (7031823-BSD1)										
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Selenium	0.479		mg/l	0.0150	0.500		96	85-115	4	20
Lead	0.484		mg/l	0.0075	0.500		97	85-115	3	20
Cadmium	0.509		mg/l	0.0025	0.500		102	85-115	3	20
Chromium	0.504		mg/l	0.0050	0.500		101	85-115	3	20
Arsenic	0.475		mg/l	0.0040	0.500		95	85-115	3	20
Barium	0.503		mg/l	0.0050	0.500		101	85-115	3	20
Silver	0.534		mg/l	0.0050	0.500		107	85-115	11	20
Duplicate (7031823-DUP1)	**Source: SA59633-02**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Selenium	0.0078	J	mg/l	0.0150		0.0064			20	20
Lead	BRL		mg/l	0.0075		BRL				20
Arsenic	BRL		mg/l	0.0040		BRL				20
Chromium	0.0030	J,QR4	mg/l	0.0050		0.0018			50	20

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

* Reportable Detection Limit BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031823 - SW846 3005A										
Duplicate (7031823-DUP1)	**Source: SA59633-02**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Cadmium	BRL		mg/l	0.0025		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Barium	BRL		mg/l	0.0050		BRL				20
Matrix Spike (7031823-MS1)	**Source: SA59652-01**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Selenium	0.473		mg/l	0.0150	0.500	BRL	95	75-125		
Lead	0.469		mg/l	0.0075	0.500	BRL	94	75-125		
Arsenic	0.473		mg/l	0.0040	0.500	BRL	95	75-125		
Cadmium	0.498		mg/l	0.0025	0.500	BRL	100	75-125		
Chromium	0.487		mg/l	0.0050	0.500	BRL	97	75-125		
Barium	0.518		mg/l	0.0050	0.500	0.0198	100	75-125		
Silver	0.539		mg/l	0.0050	0.500	BRL	108	75-125		
Matrix Spike Dup (7031823-MSD1)	**Source: SA59652-01**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Selenium	0.477		mg/l	0.0150	0.500	BRL	95	75-125	0.8	20
Lead	0.476		mg/l	0.0075	0.500	BRL	95	75-125	1	20
Barium	0.571		mg/l	0.0050	0.500	0.0198	110	75-125	10	20
Cadmium	0.504		mg/l	0.0025	0.500	BRL	101	75-125	1	20
Silver	0.559		mg/l	0.0050	0.500	BRL	112	75-125	4	20
Chromium	0.496		mg/l	0.0050	0.500	BRL	99	75-125	2	20
Arsenic	0.478		mg/l	0.0040	0.500	BRL	96	75-125	1	20
Post Spike (7031823-PS1)	**Source: SA59652-01**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Lead	0.466		mg/l	0.0075	0.500	BRL	93	80-120		
Selenium	0.468		mg/l	0.0150	0.500	BRL	94	80-120		
Barium	0.509		mg/l	0.0050	0.500	0.0198	98	80-120		
Cadmium	0.495		mg/l	0.0025	0.500	BRL	99	80-120		
Silver	0.498		mg/l	0.0050	0.500	BRL	100	80-120		
Chromium	0.492		mg/l	0.0050	0.500	BRL	98	80-120		
Arsenic	0.468		mg/l	0.0040	0.500	BRL	94	80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031809 - EPA 200 Series										
Blank (7031809-BLK1)										
Prepared & Analyzed: 02-Apr-07										
Silver	BRL		mg/kg wet	0.975						
Selenium	BRL		mg/kg wet	1.46						
Lead	BRL		mg/kg wet	0.731						
Chromium	BRL		mg/kg wet	0.487						
Cadmium	BRL		mg/kg wet	0.244						
Arsenic	BRL		mg/kg wet	1.46						
Barium	BRL		mg/kg wet	0.487						
Duplicate (7031809-DUP1)	**Source: SA59803-01**									
Prepared & Analyzed: 02-Apr-07										
Silver	BRL		mg/kg dry	2.07		BRL				35
Selenium	2.90	J	mg/kg dry	3.11		3.23			11	35
Lead	48.5		mg/kg dry	1.55		57.4			17	35
Arsenic	10.8		mg/kg dry	3.11		10.4			4	35
Cadmium	0.880		mg/kg dry	0.518		0.818			7	35
Chromium	22.6		mg/kg dry	1.04		22.5			0.4	35
Barium	92.3		mg/kg dry	1.04		91.6			0.8	35
Matrix Spike (7031809-MS1)	**Source: SA59803-02**									
Prepared & Analyzed: 02-Apr-07										
Selenium	146		mg/kg dry	1.69	141	1.35	103	70-130		
Silver	145		mg/kg dry	1.13	141	BRL	103	70-130		
Chromium	145		mg/kg dry	0.563	141	10.1	96	70-130		
Cadmium	135		mg/kg dry	0.282	141	0.417	95	70-130		
Arsenic	140		mg/kg dry	1.69	141	4.86	96	70-130		
Lead	162		mg/kg dry	0.845	141	28.3	95	70-130		
Barium	187		mg/kg dry	0.563	141	47.0	99	70-130		
Matrix Spike (7031809-MS2)	**Source: SA59964-04**									
Prepared & Analyzed: 02-Apr-07										
Silver	143		mg/kg dry	1.10	137	BRL	104	70-130		
Selenium	143		mg/kg dry	1.64	137	2.41	103	70-130		
Chromium	144		mg/kg dry	0.548	137	12.3	96	70-130		
Cadmium	138		mg/kg dry	0.274	137	0.611	100	70-130		
Lead	166		mg/kg dry	0.822	137	48.5	86	70-130		
Arsenic	135		mg/kg dry	1.64	137	5.06	95	70-130		
Barium	210		mg/kg dry	0.548	137	81.1	94	70-130		
Post Spike (7031809-PS1)	**Source: SA59803-02**									
Prepared & Analyzed: 02-Apr-07										
Selenium	152		mg/kg dry	1.72	143	1.35	105	85-115		
Silver	134		mg/kg dry	1.15	143	BRL	94	85-115		
Lead	157		mg/kg dry	0.859	143	28.3	90	85-115		
Arsenic	145		mg/kg dry	1.72	143	4.86	98	85-115		
Cadmium	139		mg/kg dry	0.286	143	0.417	97	85-115		
Chromium	148		mg/kg dry	0.573	143	10.1	96	85-115		
Barium	189		mg/kg dry	0.573	143	47.0	99	85-115		
Reference (7031809-SRM1)										
Prepared & Analyzed: 02-Apr-07										
Selenium	88.0		mg/kg wet	1.50	78.1		113	77.4-122.6		
Silver	46.4		mg/kg wet	1.00	41.1		113	66.3-133.6		
Chromium	48.5		mg/kg wet	0.500	49.4		98	78.9-120.5		
Lead	44.5		mg/kg wet	0.750	44.8		99	81.8-118.1		

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 7031809 - EPA 200 Series										
Reference (7031809-SRM1)										
Prepared & Analyzed: 02-Apr-07										
Arsenic	45.8		mg/kg wet	1.50	44.8		102	80.8-119.4		
Cadmium	33.6		mg/kg wet	0.250	31.8		106	82.1-117.9		
Barium	235		mg/kg wet	0.500	215		109	82.7-117.3		
Batch 7031824 - EPA200/SW7000 Series										
Blank (7031824-BLK1)										
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Mercury	BRL		mg/l	0.00020						
LCS (7031824-BS1)										
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Mercury	0.00250		mg/l	0.00020	0.00250		100	85-115		
Duplicate (7031824-DUP1)	**Source: SA59803-18**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Mercury	0.00005	J	mg/l	0.00020		BRL				20
Matrix Spike (7031824-MS1)	**Source: SA59803-19**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Mercury	0.00249		mg/l	0.00020	0.00250	BRL	100	75-125		
Matrix Spike Dup (7031824-MSD1)	**Source: SA59803-19**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Mercury	0.00260		mg/l	0.00020	0.00250	BRL	104	75-125	4	20
Post Spike (7031824-PS1)	**Source: SA59803-19**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Mercury	0.00226		mg/l	0.00020	0.00250	BRL	90	85-115		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031805 - SW846 3010A										
Blank (7031805-BLK1)										
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Silver	BRL		mg/l	0.0100						
Arsenic	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0125						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
LCS (7031805-BS1)										
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Selenium	1.15		mg/l	0.0150	1.25		92	74.4-106		
Lead	1.18		mg/l	0.0075	1.25		94	68.6-113		
Arsenic	1.16		mg/l	0.0150	1.25		93	80.2-101		
Silver	0.390	QC3	mg/l	0.0100	1.25		31	51.4-120		
Cadmium	1.23		mg/l	0.0025	1.25		98	81.1-107		
Chromium	1.14		mg/l	0.0125	1.25		91	81.7-105		
Barium	1.18		mg/l	0.0050	1.25		94	85.1-119		
LCS Dup (7031805-BSD1)										
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Selenium	1.11		mg/l	0.0150	1.25		89	74.4-106	4	20
Lead	1.13		mg/l	0.0075	1.25		90	68.6-113	4	20
Chromium	1.18		mg/l	0.0125	1.25		94	81.7-105	3	20
Silver	1.19	QR5	mg/l	0.0100	1.25		95	51.4-120	101	20
Arsenic	1.12		mg/l	0.0150	1.25		90	80.2-101	4	20
Cadmium	1.18		mg/l	0.0025	1.25		94	81.1-107	4	20
Barium	1.19		mg/l	0.0050	1.25		95	85.1-119	0.8	20
Duplicate (7031805-DUP1)	**Source: SA59803-07**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Lead	0.0272		mg/l	0.0075		0.0300			10	20
Selenium	BRL		mg/l	0.0150		BRL				20
Silver	BRL		mg/l	0.0100		BRL				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Chromium	BRL		mg/l	0.0125		BRL				20
Arsenic	BRL		mg/l	0.0150		0.0048				20
Barium	0.0140		mg/l	0.0050		0.0126			11	20
Matrix Spike (7031805-MS1)	**Source: SA59803-01**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Lead	1.16		mg/l	0.0075	1.25	BRL	93	64.4-114		
Selenium	1.16		mg/l	0.0150	1.25	BRL	93	79.3-102		
Arsenic	1.18		mg/l	0.0150	1.25	BRL	94	81.7-100		
Chromium	1.25		mg/l	0.0125	1.25	0.0118	99	81.5-106		
Cadmium	1.22		mg/l	0.0025	1.25	BRL	98	82-106		
Silver	1.34	QM8	mg/l	0.0100	1.25	BRL	107	58.5-104		
Barium	1.25		mg/l	0.0050	1.25	0.0106	99	88.9-114		
Matrix Spike Dup (7031805-MSD1)	**Source: SA59803-01**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Selenium	1.13		mg/l	0.0150	1.25	BRL	90	79.3-102	3	20
Lead	1.13		mg/l	0.0075	1.25	BRL	90	64.4-114	3	20
Chromium	1.21		mg/l	0.0125	1.25	0.0118	96	81.5-106	3	20
Silver	1.12		mg/l	0.0100	1.25	BRL	90	58.5-104	18	20

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031805 - SW846 3010A										
Matrix Spike Dup (7031805-MSD1)	**Source: SA59803-01**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Arsenic	1.15		mg/l	0.0150	1.25	BRL	92	81.7-100	3	20
Cadmium	1.19		mg/l	0.0025	1.25	BRL	95	82-106	2	20
Barium	1.21		mg/l	0.0050	1.25	0.0106	96	88.9-114	3	20
Post Spike (7031805-PS1)	**Source: SA59803-01**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Selenium	1.10		mg/l	0.0150	1.25	BRL	88	70.4-108		
Lead	1.09		mg/l	0.0075	1.25	BRL	87	70.1-107		
Silver	1.07		mg/l	0.0100	1.25	BRL	86	67.6-93.8		
Cadmium	1.14		mg/l	0.0025	1.25	BRL	91	75.8-109		
Arsenic	1.12		mg/l	0.0150	1.25	BRL	90	74.7-104		
Chromium	1.17		mg/l	0.0125	1.25	0.0118	93	78.2-107		
Barium	1.16		mg/l	0.0050	1.25	0.0106	92	86.8-118		
Batch 7031806 - EPA200/SW7000 Series										
Blank (7031806-BLK1)										
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Mercury	BRL		mg/l	0.00040						
LCS (7031806-BS1)										
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Mercury	0.00233		mg/l	0.00040	0.00250		93	66.6-117		
Duplicate (7031806-DUP1)	**Source: SA59803-07**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Mercury	BRL		mg/l	0.00040		BRL				20
Matrix Spike (7031806-MS1)	**Source: SA59803-01**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Mercury	0.00258		mg/l	0.00040	0.00250	BRL	103	76.1-111		
Matrix Spike Dup (7031806-MSD1)	**Source: SA59803-01**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Mercury	0.00228		mg/l	0.00040	0.00250	BRL	91	76.1-111	12	20
Post Spike (7031806-PS1)	**Source: SA59803-01**									
Prepared: 30-Mar-07 Analyzed: 02-Apr-07										
Mercury	0.00221		mg/l	0.00040	0.00250	BRL	88	66.8-110		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7031879 - General Preparation										
Duplicate (7031879-DUP1)	**Source: SA59788-32**									
Prepared & Analyzed: 30-Mar-07										
% Solids	92.8		%			79.8			15	20

Notes and Definitions

*TPH	Calculated as
Comp	Completed
FP	Field Preserved
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QC3	The spike recovery is outside acceptable limits for the LCS. The batch was accepted based upon the MS and/or MSD meeting the LCS limits criteria.
QM2	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM4	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM8	The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and/or LCS recovery.
QR1	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR4	Analyses are not controlled on RPD values from sample concentrations less than the reporting limit. QC batch accepted based on LCS and/or LCSD QC results
QR5	RPD out of acceptance range.
R01	The Reporting Limit for this analyte has been raised to account for matrix interference.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
vex2	Field extracted
VOC8	Reporting limits reflect SW846 5030 extraction technique due to matrix interference using SW846 5035A extraction technique.
Z-2	The MRL for this analyte has increased due to the limited sample volume provided for analysis.
Z-2a	The recovery of d-BHC was outside of the acceptance range due to a breakdown of d-BHC within the spike mixture. The CCC is within acceptable limits, which demonstrates that the problem lies with the mixture, not the instrumentation.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole 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: NHRY M8 Acceptance Facility - New Haven, CT	NHRY M8 Acceptance Facility - New Haven, CT/
This Form Provides certifications for the following data set: SA59803-01 SA59803-11 SA59803-02 SA59803-12 SA59803-03 SA59803-13 SA59803-04 SA59803-14 SA59803-05 SA59803-15 SA59803-06 SA59803-16 SA59803-07 SA59803-17 SA59803-08 SA59803-18 SA59803-09 SA59803-19 SA59803-10 SA59803-20	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 625 : VOC
Sample Matrices: Aqueous Soil/Sediment	

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

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

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

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

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

Date: 4/4/2007